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OM nucleic - nucleic search, using sw model

Run on: August 2, 2004, 13:15:26 ; Search time 169.591 Seconds
(without alignments)
607.143 Million cell updates/sec

Title: US-09-270-437D-9

Perfect score: 21

Sequence: 1 gaagatatttcaggagcc 21

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 157646

Minimum DB seq length: 21

Maximum DB seq length: 23

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA.*

1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq.*
2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq.*
3: /cgn2_6/ptodata/2/pubpna/US05_NEW_PUB.seq.*
4: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq.*
5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq.*
6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq.*
7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq.*
8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq.*
9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq.*
10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq.*
12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
13: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
14: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq.*
15: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq.*
16: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq.*
17: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
18: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	13.8	65.7	22	13	US-10-042-865-196
2	13.8	65.7	22	17	US-10-038-854-320
3	12.8	61.0	21	15	US-10-038-854-320
4	12.8	61.0	21	15	US-10-240-046A-31
5	12.4	59.0	23	15	US-10-240-046A-32
6	12.2	58.1	22	17	US-10-216-122-143
7	12	57.1	22	17	US-10-298-953-5
8	12	57.1	23	14	US-10-150-509-3
9	11.8	56.2	21	16	US-10-374-077-27
10	11.6	55.2	21	15	US-09-149-310-6
11	11.4	54.3	22	9	US-10-218-969-83
12	11.4	54.3	22	9	US-09-895-652-27
13	11.4	54.3	22	10	US-09-511-008-17
14	11.4	54.3	22	15	US-10-313-669-300

c 15	11.4	54.3	23	16	US-10-422-466-64	Sequence 64, Appl
c 16	11.2	53.3	21	13	US-10-188-186-357	Sequence 357, Appl
c 17	11.2	53.3	22	9	US-09-734-672-37	Sequence 37, Appl
c 18	11.2	53.3	22	10	US-09-982-828-37	Sequence 37, Appl
c 19	11.2	53.3	22	10	US-09-923-327-101	Sequence 101, Appl
c 20	11.2	53.3	22	10	US-09-861-779-9	Sequence 9, Appl
c 21	11.2	53.3	22	12	US-10-636-716-9	Sequence 9, Appl
c 22	11.2	53.3	22	15	US-10-028-819-32	Sequence 32, Appl
c 23	11.2	53.3	22	17	US-10-680-341-61	Sequence 61, Appl
c 24	11.2	53.3	23	9	US-09-736-863-23	Sequence 23, Appl
c 25	11.2	53.3	23	9	US-09-997-664-79	Sequence 79, Appl
c 26	11.2	53.3	23	10	US-09-825-805-1549	Sequence 1549, Ap
c 27	11.2	53.3	23	15	US-10-006-366-5	Sequence 5, Appl
c 28	11.2	53.3	23	15	US-10-395-423-35	Sequence 35, Appl
c 29	11.2	53.3	23	16	US-10-463-952-79	Sequence 79, Appl
c 30	11	52.4	21	14	US-10-000-864-21	Sequence 21, Appl
c 31	11	52.4	22	9	US-09-935-541-10	Sequence 10, Appl
c 32	11	52.4	22	15	US-10-425-800-10	Sequence 10, Appl
c 33	10.8	51.4	21	10	US-09-961-756-31	Sequence 31, Appl
c 34	10.8	51.4	21	16	US-10-377-133-23	Sequence 23, Appl
c 35	10.8	51.4	21	16	US-10-377-133-24	Sequence 24, Appl
c 36	10.8	51.4	21	17	US-10-383-864-29	Sequence 29, Appl
c 37	10.8	51.4	22	10	US-09-949-427-102	Sequence 102, App
c 38	10.8	51.4	22	13	US-09-949-428-102	Sequence 102, App
c 39	10.8	51.4	22	15	US-10-342-684-1	Sequence 1, Appl
c 40	10.8	51.4	22	16	US-10-422-466-46	Sequence 46, Appl
c 41	10.8	51.4	22	16	US-10-423-465-77	Sequence 77, Appl
c 42	10.8	51.4	23	16	US-10-377-133-15	Sequence 15, Appl
c 43	10.6	50.5	21	9	US-09-969-373-3965	Sequence 3965, Ap
c 44	10.6	50.5	21	10	US-09-985-637A-8	Sequence 8, Appl
c 45	10.6	50.5	21	15	US-10-244-633-12	Sequence 12, Appl

ALIGNMENTS

RESULT 1

US-10-042-865-196
; Sequence 196, Application US/10042865
; Publication No. US20040029216A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Li, Li
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Casman, Stacie J
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Spvtek, Kimberly
; APPLICANT: Zhong, Mei
; APPLICANT: Gangoli, Baha A
; APPLICANT: Burgess, Catherine E
; APPLICANT: Patturajan, Meera
; APPLICANT: Vernet, Corine A.M
; APPLICANT: Taylor, Sarah
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Miller, Charles E
; APPLICANT: Guo, Xiaojia
; APPLICANT: Boldog, Ference L
; APPLICANT: Grosse, William M
; APPLICANT: Alsbrook II, John P
; APPLICANT: Gerlach, Valerie L
; APPLICANT: Edinger, Shlomit R
; APPLICANT: Rothenberg, Mark E
; APPLICANT: Ellerman, Karen
; APPLICANT: Macbougali, John
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glenda
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, David
; TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
; TITLE OF INVENTION: Using the Same
; FILE REFERENCE: 21402-537

;; CURRENT APPLICATION NUMBER: US/10/042,865
;; CURRENT FILING DATE: 2002-05-17
;; PRIOR APPLICATION NUMBER: 60/260,417
;; PRIOR FILING DATE: 2001-01-09
;; PRIOR APPLICATION NUMBER: 60/260,831
;; PRIOR FILING DATE: 2001-01-10
;; PRIOR APPLICATION NUMBER: 60/272,338
;; PRIOR FILING DATE: 2001-02-28
;; PRIOR APPLICATION NUMBER: 60/274,876
;; PRIOR FILING DATE: 2001-03-09
;; PRIOR APPLICATION NUMBER: 60/284,704
;; PRIOR FILING DATE: 2001-04-18
;; NUMBER OF SEQ ID NOS: 264
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 196
;; LENGTH: 22
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-10-042-865-196

Query Match 55.7%; Score 13.8; DB 13; Length 22;
Best Local Similarity 88.2%; Pred. No. 3.4e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GAAAGTATCTTCAAGGA 17
||| ||||| ||||| |||||
Db 5 GAACGTATCTTCAAGAA 21

RESULT 2
US-10-038-854-320
;; Sequence 320, Application US/10038854
;; Publication No. US20040022781A1
;; GENERAL INFORMATION:
;; APPLICANT: Spytex; Kimberly A
;; APPLICANT: Li, Li
;; APPLICANT: Wolenc, Adam R
;; APPLICANT: Vernet, Corine
;; APPLICANT: Eisen, Andrew J
;; APPLICANT: Liu, Xiaohong
;; APPLICANT: Malvankar, Uriel M
;; APPLICANT: Shimkets, Richard A
;; APPLICANT: Tchernev, Velizar
;; APPLICANT: Spaderna, Steven K
;; APPLICANT: Gorman, Linda
;; APPLICANT: Kekuda, Ramesh
;; APPLICANT: Patturajan, Meera
;; APPLICANT: Gusev, Vladimir Y
;; APPLICANT: Gangolli, Esha A
;; APPLICANT: Guo, Xiaojia S
;; APPLICANT: Shenoy, Suresh G
;; APPLICANT: Rastelli, Luca
;; APPLICANT: Casman, Stacie J
;; APPLICANT: Boldog, Ferenc
;; APPLICANT: Burgess, Catherine E
;; APPLICANT: Edinger, Shlomit R
;; APPLICANT: Ellerman, Karen
;; APPLICANT: Gunther, Erik
;; APPLICANT: Smithson, Glenda
;; APPLICANT: Millet, Isabelle
;; APPLICANT: MacDougall, John R
;; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
;; FILE REFERENCE: 21402-330
;; CURRENT APPLICATION NUMBER: US/10/038,854
;; CURRENT FILING DATE: 2003-01-22
;; PRIOR APPLICATION NUMBER: 60/258,928
;; PRIOR FILING DATE: 2000-12-29
;; PRIOR APPLICATION NUMBER: 60/259,415
;; PRIOR FILING DATE: 2001-01-02
;; PRIOR APPLICATION NUMBER: 60/259,785
;; PRIOR FILING DATE: 2001-01-04

;; PRIOR APPLICATION NUMBER: 60/269,814
;; PRIOR FILING DATE: 2001-02-20
;; PRIOR APPLICATION NUMBER: 60/279,832
;; PRIOR FILING DATE: 2001-03-29
;; PRIOR APPLICATION NUMBER: 60/279,833
;; PRIOR FILING DATE: 2001-03-29
;; PRIOR APPLICATION NUMBER: 60/279,863
;; PRIOR FILING DATE: 2001-03-29
;; PRIOR APPLICATION NUMBER: 60/283,889
;; PRIOR FILING DATE: 2001-04-13
;; PRIOR APPLICATION NUMBER: 60/284,447
;; PRIOR FILING DATE: 2001-04-18
;; PRIOR APPLICATION NUMBER: 60/286,683
;; PRIOR FILING DATE: 2001-04-25
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 411
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 320
;; LENGTH: 22
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: chemically
;; OTHER INFORMATION: synthesized
US-10-039-854-320

Query Match 65.7%; Score 13.8; DB 17; Length 22;
Best Local Similarity 88.2%; Pred. No. 3.4e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GAAAGTATCTTCAAGGA 17
||| ||||| ||||| |||||
Db 5 GAACGTATCTTCAAGAA 21

RESULT 3
US-10-240-046A-31
;; Sequence 31, Application US/10240046A
;; Publication No. US20030190639A1
;; GENERAL INFORMATION:
;; APPLICANT: HUGOT, JEAN-PIERRE
;; APPLICANT: THOMAS, GILLES
;; APPLICANT: ZOUALI, MOHAMED
;; APPLICANT: LESAGE, SUZANNE
;; APPLICANT: CHAMAILLARD, MATHIAS
;; TITLE OF INVENTION: GENES INVOLVED IN INTESTINAL INFLAMMATORY DISEASES AND USE
;; FILE REFERENCE: 37991-0009
;; CURRENT APPLICATION NUMBER: US/10/240,046A
;; CURRENT FILING DATE: 2003-04-02
;; PRIOR APPLICATION NUMBER: PCT/FR 01/00935
;; PRIOR FILING DATE: 2001-03-27
;; PRIOR APPLICATION NUMBER: FR 00/03832
;; PRIOR FILING DATE: 2000-03-27
;; NUMBER OF SEQ ID NOS: 90
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 31
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-240-046A-31

Query Match 61.0%; Score 12.8; DB 15; Length 21;
Best Local Similarity 87.5%; Pred. No. 1.1e+04;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GAAAGTATCTTCAAGG 16
||| ||||| ||||| |||||
Db 6 GAAAGTATCTTCAAGG 21

RESULT 4
US-10-240-046A-32

```

RESULT 6
US-10-680-341-59
; Sequence 59, Application US/10680341
; Publication No. US20040091923A1
; GENERAL INFORMATION:
; APPLICANT: Reyes, Robert B.
; APPLICANT: Wallace, Antonio A.
; APPLICANT: Ucoztoli, Luis A.
; TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
; FILE REFERENCE: 3239-0105P
; CURRENT APPLICATION NUMBER: US/10/680,341
; CURRENT FILING DATE: 2003-10-06
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 59
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-680-341-59

Query Match      58.1%; Score 12.2; DB 17; Length 22;
Best Local Similarity 82.4%; Pred. No. 2.3e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2 AAAGTATCTTCAAGGAC 18
      ||| ||||| |||
Db      3 AAGGTTACTTCAAGGAC 19

RESULT 7
US-10-298-953-5/c
; Sequence 5, Application US/10298953
; Publication No. US20040097444A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SERINE/THREONINE KINASE 16 EXPRESSION
; FILE REFERENCE: HTS-0109
; CURRENT APPLICATION NUMBER: US/10/298,953
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-298-953-5

Query Match      57.1%; Score 12; DB 17; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.9e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 TCTTCAAGGACG 19
      ||||| |||||
Db      16 TCTTCAAGGACG 5

RESULT 8
US-10-150-509-3
; Sequence 3, Application US/10150509
; Publication No. US20020178460A1
; GENERAL INFORMATION:
; APPLICANT: Enikolopov, Grigori N.
; APPLICANT: Mignone, John
; TITLE OF INVENTION: TRANSGENIC MICE EXPRESSING FLUORESCENT
; TITLE OF INVENTION: PROTEIN
; FILE REFERENCE: 1314.1062-010
; CURRENT APPLICATION NUMBER: US/10/150,509
; CURRENT FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: US 09/444,335
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: PCT/US00/31150
; PRIOR FILING DATE: 2000-11-14

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; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-150-509-3

Query Match 57.1%; Score 12; DB 14; Length 23;
Best Local Similarity 100.0%; Pred. No. 2.9e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TCTCAAGGACG 19
| | | | | | | | | |
DB 12 TCTCAAGGACG 23

RESULT 9

US-10-374-077-27
; Sequence 27, Application US/10374077
; Publication No. US20040006779A1
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; Yu, Chang-En
; Oshima, Junko
; Mulligan, John T.
; Schellenberg, Gerald D.

; TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO
; WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/374,077
; FILING DATE: 25-Feb-2003
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Rosenman, Stephen
; REGISTRATION NUMBER: 43,058
; REFERENCE/DOCKET NUMBER: 100107.401D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031

; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:

US-10-374-077-27

Query Match 57.1%; Score 12; DB 16; Length 23;
Best Local Similarity 75.0%; Pred. No. 2.9e+04;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 GAAAGTATCTTCAAGACG 20
| | | | | | | | | |
DB 4 GAAAGTATCTTCAAGACG 23

RESULT 10

US-09-149-310-6/c
; Sequence 6, Application US/09149310
; Publication No. US20040088750A1
; GENERAL INFORMATION:
; APPLICANT: VAN COIJEN, ALBERT J.J.
; APPLICANT: RIETVELD, KRIJN
; APPLICANT: QUAX, WILHELMUS J.
; APPLICANT: PEN, JAN
; APPLICANT: HOEKEMA, ANDREAS
; APPLICANT: SIJMONS, PETER C.
; APPLICANT: VERHOED, TEUNIS C.

; TITLE OF INVENTION: PRODUCTION OF ENZYMES IN SEEDS AND THEIR USE
; FILE REFERENCE: 26192-20011.24
; CURRENT APPLICATION NUMBER: US/09/149,310
; CURRENT FILING DATE: 1998-02-02
; EARLIER APPLICATION NUMBER: 08/626,554
; EARLIER FILING DATE: 1996-04-02
; EARLIER APPLICATION NUMBER: 08/146,422
; EARLIER FILING DATE: 1993-11-02
; EARLIER APPLICATION NUMBER: 07/756,994
; EARLIER FILING DATE: 1991-09-11
; EARLIER APPLICATION NUMBER: 07/498,561
; EARLIER FILING DATE: 1990-03-23
; EARLIER APPLICATION NUMBER: EP 91200688.9
; EARLIER FILING DATE: 1991-03-25
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-149-310-6

Query Match 56.2%; Score 11.8; DB 12; Length 21;
Best Local Similarity 86.7%; Pred. No. 3.7e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GAAAGTATCTTCAAG 15
| | | | | | | | | |
DB 15 GAAAGTATCTTCAAG 1

RESULT 11

US-10-218-969-83/c
; Sequence 83, Application US/10218969
; Publication No. US20030165916A1
; GENERAL INFORMATION:
; APPLICANT: Sealton, Stuart
; APPLICANT: Yuen, Tony
; APPLICANT: Wurmbach, Elisa

; TITLE OF INVENTION: Use of Intrinsic Reporters of Cell Signaling for High Content Drug
; FILE REFERENCE: 2459-1-007N
; CURRENT APPLICATION NUMBER: US/10/218,969
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/312,220
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: US 60/324,895
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 83
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-218-969-83

Query Match 55.2%; Score 11.6; DB 15; Length 21;
Best Local Similarity 77.8%; Pred. No. 4.7e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 AAAGTATCTTCAGGACG 19
|||||
DB 18 AAAGTCTCCTCAGTGACG 1

RESULT 12
US-09-895-652-27/c
; Sequence 27, Application US/09895652
; Patent No. US20020081640A1
; GENERAL INFORMATION:
; APPLICANT: Macina, Roberta
; APPLICANT: Pillai, Rageswari
; TITLE OF INVENTION: Method of Diagnosing, Monitoring, Staging, Imaging and
; TITLE OF INVENTION: Treating Colon Cancer
; FILE REFERENCE: DEX-0211
; CURRENT APPLICATION NUMBER: US/09/895,652
; CURRENT FILING DATE: 2001-06-28
; PRIOR FILING DATE: 60/214,515
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-895-652-27

Query Match 54.3%; Score 11.4; DB 9; Length 22;
Best Local Similarity 92.3%; Pred. No. 6e+04;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TCTTCAAGGACGC 20
|||||
DB 15 TCATCAAGGACGC 3

RESULT 13
US-09-511-008-17/c
; Sequence 17, Application US/09511008
; Publication No. US2003014997A1
; GENERAL INFORMATION:
; APPLICANT: Hageman, Gregory S.
; APPLICANT: University of Iowa Research Foundation
; TITLE OF INVENTION: Diagnostics and Therapeutics for Arterial Wall
; TITLE OF INVENTION: Disruptive Disorders
; FILE REFERENCE: 020618-000600US
; CURRENT APPLICATION NUMBER: US/09/511,008
; CURRENT FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/120,822
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: US 60/120,668
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: US 60/123,052
; PRIOR FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: RT-PCR primer
US-09-511-008-17

Query Match 54.3%; Score 11.4; DB 10; Length 22;
Best Local Similarity 92.3%; Pred. No. 6e+04;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 9 CTTCAAGGACGC 21
|||||

DB 22 CTTCAAGGACAC 10

RESULT 14
US-10-313-669-300/c
; Sequence 300, Application US/10313669
; Publication No. US20030175761A1
; GENERAL INFORMATION:
; APPLICANT: Greenlee, Winner and Sullivan, P.C.
; TITLE OF INVENTION: Identification of genes whose expression patterns distinguish ben
; TITLE OF INVENTION: Lymphoid tissue and mantle cell, follicular, and small lymphocyt
; FILE REFERENCE: 142-01
; CURRENT APPLICATION NUMBER: US/10/313,669
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 302
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 300
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-313-669-300

Query Match 54.3%; Score 11.4; DB 15; Length 22;
Best Local Similarity 92.3%; Pred. No. 6e+04;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TCTTCAAGGACGC 20
|||||
DB 22 TCTTCAAGGATGC 10

RESULT 15
US-10-422-466-64/c
; Sequence 64, Application US/10422466
; Publication No. US20040006036A1
; GENERAL INFORMATION:
; APPLICANT: Hu, Ji-Fan
; APPLICANT: Bowersox, Scott
; TITLE OF INVENTION: Silencing transcription by methylation
; FILE REFERENCE: 112029.00005
; CURRENT APPLICATION NUMBER: US/10/422,466
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: 09/643,128
; PRIOR FILING DATE: 2000-08-21
; PRIOR APPLICATION NUMBER: 60/196,749
; PRIOR FILING DATE: 2000-04-12
; PRIOR APPLICATION NUMBER: 60/214,148
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 64
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (2)-(110)
; OTHER INFORMATION: m5c at bases 2 and 10
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA inhibitor
US-10-422-466-64

Query Match 54.3%; Score 11.4; DB 16; Length 23;
Best Local Similarity 71.4%; Pred. No. 6e+04;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 GAAAGTATCTTCAAGGACGCC 21
|||||
DB 23 GAAAGCATGATCCGGACGTC 3

Search completed: August 2, 2004, 18:41:51
Job time : 171.591 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 2, 2004, 13:15:26 ; Search time 177.667 Seconds
(without alignments)
607.143 Million cell updates/sec

Title: US-09-270-437D-10

Perfect score: 22

Sequence: 1 ctgcaagggttttctgctggcg 22

Scoring table: IDENTITY NUC

Gapop 10_0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 157646

Minimum DB seq length: 21

Maximum DB seq length: 23

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA.*
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3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
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18: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 2	13.8	62.7	21	16	US-10-447-839A-63
C 3	13.8	62.7	21	16	US-10-447-839A-65
C 4	12.8	58.2	23	15	US-10-007-805-563
C 5	12.8	58.2	23	15	US-10-076-622-563
C 6	12.8	58.2	23	15	US-10-124-805-563
C 7	12.6	57.3	23	15	US-10-005-956-1073
C 8	12.6	57.3	23	15	US-10-257-848-29
C 9	12.2	55.5	22	13	US-10-236-392-368
C 10	12.2	55.5	22	13	US-10-236-392-371
C 11	12	54.5	21	17	US-10-303-635-12
C 12	12	54.5	22	16	US-10-211-689-101
C 13	11.8	53.6	21	13	US-10-027-632-7575
C 14	11.8	53.6	21	16	US-10-027-632-75775

Sequence 64, Appl	15	11.8	53.6	21	16	US-10-447-839A-64
Sequence 3, Appl	16	11.8	53.6	22	13	US-10-120-815-3
Sequence 6, Appl	17	11.8	53.6	22	13	US-10-120-815-6
Sequence 61, Appl	18	11.8	53.6	23	10	US-09-991-053-61
Sequence 61, Appl	19	11.8	53.6	23	10	US-09-957-187-61
Sequence 580, Appl	20	11.6	52.7	22	9	US-09-978-295A-580
Sequence 580, Appl	21	11.6	52.7	22	9	US-09-978-697-580
Sequence 580, Appl	22	11.6	52.7	22	9	US-09-978-192A-580
Sequence 580, Appl	23	11.6	52.7	22	9	US-09-999-832A-580
Sequence 580, Appl	24	11.6	52.7	22	10	US-09-978-189-580
Sequence 580, Appl	25	11.6	52.7	22	10	US-09-978-608A-580
Sequence 580, Appl	26	11.6	52.7	22	10	US-09-978-585A-580
Sequence 580, Appl	27	11.6	52.7	22	10	US-09-978-191A-580
Sequence 580, Appl	28	11.6	52.7	22	10	US-09-978-403A-580
Sequence 580, Appl	29	11.6	52.7	22	10	US-09-978-564A-580
Sequence 580, Appl	30	11.6	52.7	22	10	US-09-999-833A-580
Sequence 580, Appl	31	11.6	52.7	22	10	US-09-981-915A-580
Sequence 580, Appl	32	11.6	52.7	22	10	US-09-978-824-580
Sequence 580, Appl	33	11.6	52.7	22	10	US-09-918-585A-580
Sequence 580, Appl	34	11.6	52.7	22	10	US-09-978-423A-580
Sequence 580, Appl	35	11.6	52.7	22	10	US-09-978-193A-580
Sequence 580, Appl	36	11.6	52.7	22	10	US-09-999-830A-580
Sequence 580, Appl	37	11.6	52.7	22	10	US-09-978-757A-580
Sequence 580, Appl	38	11.6	52.7	22	10	US-09-978-187B-580
Sequence 580, Appl	39	11.6	52.7	22	10	US-09-978-643A-580
Sequence 580, Appl	40	11.6	52.7	22	10	US-09-978-375A-580
Sequence 580, Appl	41	11.6	52.7	22	10	US-09-978-298A-580
Sequence 580, Appl	42	11.6	52.7	22	10	US-09-978-188A-580
Sequence 580, Appl	43	11.6	52.7	22	10	US-09-978-681A-580
Sequence 580, Appl	44	11.6	52.7	22	10	US-09-978-194A-580
Sequence 580, Appl	45	11.6	52.7	22	10	US-09-999-829A-580

ALIGNMENTS

RESULT 1
US-09-899-569A-38/c
; Sequence 38, Application US/098995569A
; Patent No. US20020142003A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020142003Albert Schweifer
; APPLICANT: Marwa Scherl-Mostageer
; APPLICANT: Wolfgang Sommergruber
; APPLICANT: Roger Abseher
; TITLE OF INVENTION: Tumorssoziertes Antigen (B345)
; FILE REFERENCE: 0652.2280001
; CURRENT APPLICATION NUMBER: US/09/899,569A
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: DE 100 33 080.0
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: DE 101 19 294.0
; PRIOR FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: US 60/243,158
; PRIOR FILING DATE: 2000-10-25
; PRIOR APPLICATION NUMBER: US 60/297,747
; PRIOR FILING DATE: 2001-06-14
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence: Primer
US-09-899-569A-38

Query Match 67.3%; Score 14.8; DB 9; Length 23;
Best Local Similarity 88.9%; Pred. No. 3.1e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CTGCAAGGGTTCGCTG 18

```
Db 20 CTGCTAGGGGTTTCTGCTG 3

RESULT 2
US-10-447-839A-63
; Sequence 63, Application US/10447839A
; Publication No. US20040018181A1
; GENERAL INFORMATION:
; APPLICANT: Kufe, Donald W.
; APPLICANT: Kharbanda, Sunder
; APPLICANT: Weitman, Steven D.
; TITLE OF INVENTION: MUC1 INTERFERENCE RNA COMPOSITIONS AND METHODS DERIVED THEREFROM
; FILE REFERENCE: 1000.05.009
; CURRENT APPLICATION NUMBER: US/10/447,839A
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: 10/293,391
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 09/951,938
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 60/231,841
; PRIOR FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 63
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-447-839A-63

Query Match 62.7%; Score 13.8; DB 16; Length 21;
Best Local Similarity 88.2%; Pred. No. 8.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 AAGGGGTTTTCGTGGC 21
||||| ||||| |||||
Db 1 AAGGGGTTTTCGTGGC 17

RESULT 3
US-10-447-839A-65/c
; Sequence 65, Application US/10447839A
; Publication No. US20040018181A1
; GENERAL INFORMATION:
; APPLICANT: Kufe, Donald W.
; APPLICANT: Kharbanda, Sunder
; APPLICANT: Weitman, Steven D.
; TITLE OF INVENTION: MUC1 INTERFERENCE RNA COMPOSITIONS AND METHODS DERIVED THEREFROM
; FILE REFERENCE: 1000.05.009
; CURRENT APPLICATION NUMBER: US/10/447,839A
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: 10/293,391
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 09/951,938
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 60/231,841
; PRIOR FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 65
; LENGTH: 21
; TYPE: DNA
; ORGANISM: ARTIFICIAL
; FEATURE:
; OTHER INFORMATION: Synthesized Sequence
US-10-447-839A-65

Query Match 62.7%; Score 13.8; DB 16; Length 21;
Best Local Similarity 88.2%; Pred. No. 8.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 AAGGGGTTTTCGTGGC 21
||||| ||||| |||||
Db 21 AAGGGGTTTTCGTGGC 5

RESULT 4
US-10-007-805-563
; Sequence 563, Application US/10007805
; Publication No. US20020150581A1
; GENERAL INFORMATION:
; APPLICANT: Jiang, Yugu
; APPLICANT: Dillon, Devin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Hepler, William T.
; APPLICANT: Henderson, Robert A.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: McNeill, Patricia D.
; APPLICANT: Durham, Margarita
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.470C10
; CURRENT APPLICATION NUMBER: US/10/007,805
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 593
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 563
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-007-805-563

Query Match 58.2%; Score 12.8; DB 14; Length 23;
Best Local Similarity 87.5%; Pred. No. 2.6e+04;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 CAAGGGGTTTTCGTGG 19
||||| ||||| |||||
Db 8 CAAGGGGTTTTCGTGG 23

RESULT 5
US-10-076-622-563
; Sequence 563, Application US/10076622
; Publication No. US20030023036A1
; GENERAL INFORMATION:
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Sleath, Paul R.
; APPLICANT: Persing, David H.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.470C11
; CURRENT APPLICATION NUMBER: US/10/076,622
; CURRENT FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 563
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-076-622-563

Query Match 58.2%; Score 12.8; DB 15; Length 23;
Best Local Similarity 87.5%; Pred. No. 2.6e+04;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 CAAGGGGTTTTCGTGG 19
||||| ||||| |||||
Db 8 CAAGGGGTTTTCGTGG 23
```


RESULT 6

US-10-124-805-563
; Sequence 563, Application US/10124805
; Publication No. US20030166022A1
; GENERAL INFORMATION:
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Sleath, Paul R.
; APPLICANT: Persing, David H.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.470C12
; CURRENT APPLICATION NUMBER: US/10/124,805
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 563
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-124-805-563

Query Match 58.2%; Score 12.8; DB 15; Length 23;
Best Local Similarity 87.5%; Pred. No. 2.6e+04;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 CAAGGGGTTTCTGCG 19

Db 8 CAAGGGGTTATGCTAG 23

RESULT 7

US-10-005-956-1073/c
; Sequence 1073, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 2001-12-03
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1073
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-1073

Query Match 57.3%; Score 12.6; DB 15; Length 21;
Best Local Similarity 78.9%; Pred. No. 3.2e+04;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 TCAGAGGGGTTTCTGCGG 20

Db 21 TCAGAGGGGTTCTGCTGTG 3

RESULT 8

US-10-257-848-29
; Sequence 29, Application US/10257848
; Publication No. US20030158381A1
; GENERAL INFORMATION:
; APPLICANT: ITOH, Yasuaki
; APPLICANT: SUZUKI, No. US20030158381A1uhiro

; APPLICANT: NISHI, Kazunori
; APPLICANT: KIZAWA, Hideki
; APPLICANT: HARADA, Masataka
; APPLICANT: OGI, Kazuhiro
; TITLE OF INVENTION: No. US20030158381A1el Insulin/IGF/Relaxin Family Polypeptide and
; FILE REFERENCE: 2717 USOP
; CURRENT APPLICATION NUMBER: US/10/257,848
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: PCT/JP01/03399
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: JP 12-126340
; PRIOR FILING DATE: 2000-04-21
; PRIOR APPLICATION NUMBER: JP 12-205587
; PRIOR FILING DATE: 2000-07-03
; PRIOR APPLICATION NUMBER: JP 12-247962
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: JP 12-395050
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 29
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-257-848-29

Query Match 57.3%; Score 12.6; DB 15; Length 23;
Best Local Similarity 78.9%; Pred. No. 3.2e+04;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CTGCAAGGGGTTTGTCTGG 19

Db 3 CTGCTAGGGGTATGTTGG 21

RESULT 9

US-10-236-392-368
; Sequence 368, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Catterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladamir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: LaRoche, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rothenberg, Mark E
; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smithson, Glennca
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A

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; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 368
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-236-392-368

Query Match          55.5%; Score 12.2; DB 13; Length 22;
Best Local Similarity 82.4%; Pred. No. 4.9e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY  2 TCGAAGGGGTTTGCCTG 18
Db   1 TCGAAGGGGATTTAATG 17

RESULT 10
US-10-236-392-371
; Sequence 371, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Catterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: LaRocheville, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
```

```
; APPLICANT: Rothenberg, Mark E
; APPLICANT: Shency, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smithson, Glennda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 371
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-236-392-371

Query Match          55.5%; Score 12.2; DB 13; Length 22;
Best Local Similarity 82.4%; Pred. No. 4.9e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY  2 TCGAAGGGGTTTGCCTG 18
Db   1 TCGAAGGGGATTTAATG 17

RESULT 11
US-10-303-635-12/c
; Sequence 12, Application US/10303635
; Publication No. US20040102621A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF FORKHEAD BOX C2 EXPRESSION
; FILE REFERENCE: RTS-0418
; CURRENT APPLICATION NUMBER: US/10/303,635
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 257
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-303-635-12

Query Match          54.5%; Score 12; DB 17; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  10 GTTTTGGCTGGGC 21
      |||||
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Db 13 GTTTGCTGGGC 2

RESULT 12

US-10-211-689-101/c
; Sequence 101, Application US/10211689

; Publication No. US20030232347A1

; GENERAL INFORMATION:

; APPLICANT: Alsbrook, John II

; APPLICANT: Anderson, David W.

; APPLICANT: Boldog, Ferenc L.

; APPLICANT: Burgess, Catherine E.

; APPLICANT: Casman, Stacie J.

; APPLICANT: Edinger, Shlomit R.

; APPLICANT: Gangolli, Esha A.

; APPLICANT: Gorman, Linda

; APPLICANT: Guo, Xiaojia (Sasha)

; APPLICANT: Khrastov, Nikolai V.

; APPLICANT: Lepley, Denise M.

; APPLICANT: MacDougall, John R.

; APPLICANT: Pena, Carol A.

; APPLICANT: Payman, John A.

; APPLICANT: Patturajan, Meera

; APPLICANT: Rieger, Daniel K.

; APPLICANT: Shinkets, Richard A.

; APPLICANT: Smithson, Glennda

; APPLICANT: Spytek, Kimberly A.

; APPLICANT: Vernet, Corine A. M.

; APPLICANT: Voss, Edward Z.

; APPLICANT: Zhong, Mei

; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

; FILE REFERENCE: 21402-416B

; CURRENT APPLICATION NUMBER: US/10/211,689

; CURRENT FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: 60/311751

; PRIOR FILING DATE: 2001-08-10

; PRIOR APPLICATION NUMBER: 60/310,802

; PRIOR FILING DATE: 2001-08-08

; PRIOR APPLICATION NUMBER: 60/310,795

; PRIOR FILING DATE: 2001-08-08

; PRIOR APPLICATION NUMBER: 60/311,292

; PRIOR FILING DATE: 2001-08-09

; PRIOR APPLICATION NUMBER: 60/361,159

; PRIOR FILING DATE: 2002-02-28

; PRIOR APPLICATION NUMBER: 60/373,050

; PRIOR FILING DATE: 2002-04-16

; PRIOR APPLICATION NUMBER: 60/380,970

; PRIOR FILING DATE: 2002-08-15

; PRIOR APPLICATION NUMBER: 60/311,979

; PRIOR FILING DATE: 2001-08-13

; PRIOR APPLICATION NUMBER: 60/381,030

; PRIOR FILING DATE: 2002-05-16

; PRIOR APPLICATION NUMBER: 60/323,944

; PRIOR FILING DATE: 2001-09-21

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 132

; SOFTWARE: CuroSeqList version 0.1

; SEQ ID NO 101

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe

US-10-211-689-101

Query Match

Best Local Similarity 54.5%; Score 12; DB 16; Length 22;

Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 CTGCAAGGGTTTCTGGG 20

|||||

Db 20 CTGACGGCGTATCTGCTGGG 1

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RESULT 13

US-10-027-632-75775

; Sequence 75775, Application US/10027632

; Publication No. US20020198371A1

; GENERAL INFORMATION:

; APPLICANT: Wang, David G.

; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

; FILE REFERENCE: 108827.129

; CURRENT APPLICATION NUMBER: US/10/027,632

; CURRENT FILING DATE: 2002-04-30

; PRIOR APPLICATION NUMBER: US 60/218,006

; PRIOR FILING DATE: 2000-07-12

; PRIOR APPLICATION NUMBER: US 60/198,676

; PRIOR FILING DATE: 2000-04-20

; PRIOR APPLICATION NUMBER: US 60/193,483

; PRIOR FILING DATE: 2000-03-29

; PRIOR APPLICATION NUMBER: US 60/185,218

; PRIOR FILING DATE: 2000-02-24

; PRIOR APPLICATION NUMBER: US 60/167,363

; PRIOR FILING DATE: 1999-11-23

; PRIOR APPLICATION NUMBER: US 60/156,358

; PRIOR FILING DATE: 1999-09-28

; PRIOR APPLICATION NUMBER: US 60/146,002

; PRIOR FILING DATE: 1999-08-09

; NUMBER OF SEQ ID NOS: 325720

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 75775

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Human

US-10-027-632-75775

Query Match

Best Local Similarity 53.6%; Score 11.8; DB 13; Length 21;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7 GGGGTTTGTCTGGGC 21

|||||

Db 4 GGGGTTTGTCTGGTC 18

|||||

RESULT 14

US-10-027-632-75775

; Sequence 75775, Application US/10027632

; Publication No. US20030204075A9

; GENERAL INFORMATION:

; APPLICANT: Wang, David G.

; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

; FILE REFERENCE: 108827.129

; CURRENT APPLICATION NUMBER: US/10/027,632

; CURRENT FILING DATE: 2002-04-30

; PRIOR APPLICATION NUMBER: US 60/218,006

; PRIOR FILING DATE: 2000-07-12

; PRIOR APPLICATION NUMBER: US 60/198,676

; PRIOR FILING DATE: 2000-04-20

; PRIOR APPLICATION NUMBER: US 60/193,483

; PRIOR FILING DATE: 2000-03-29

; PRIOR APPLICATION NUMBER: US 60/185,218

; PRIOR FILING DATE: 2000-02-24

; PRIOR APPLICATION NUMBER: US 60/167,363

; PRIOR APPLICATION NUMBER: US 60/156,358

; PRIOR FILING DATE: 1999-09-28

; PRIOR APPLICATION NUMBER: US 60/146,002

; PRIOR FILING DATE: 1999-08-09

; NUMBER OF SEQ ID NOS: 325720

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 75775

; LENGTH: 21

; TYPE: DNA

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; ORGANISM: Human
US-10-027-832-75775

Query Match      53.6%; Score 11.8; DB 16; Length 21;
Best Local Similarity 86.7%; Pred. No. 7.5e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7 GGGGTTTGTCTGGGC 21
   |||||
Db 4 GGGGTTTACTGTC 18

RESULT 15
US-10-447-839A-64
; Sequence 64, Application US/10447839A
; Publication No. US20040018181A1
; GENERAL INFORMATION:
; APPLICANT: Kufe, Donald W.
; APPLICANT: Kharbada, Surender
; APPLICANT: Weitman, Steven D.
; TITLE OF INVENTION: MUC1 INTERFERENCE RNA COMPOSITIONS AND METHODS DERIVED THEREFROM
; FILE REFERENCE: 1000.05.009
; CURRENT APPLICATION NUMBER: US/10/447,839A
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: 10/293,391
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 09/951,938
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: 60/231,841
; PRIOR FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 64
; LENGTH: 21
; TYPE: DNA
; ORGANISM: ARTIFICIAL
; FEATURE:
; OTHER INFORMATION: Synthesized Sequence
US-10-447-839A-64

Query Match      53.6%; Score 11.8; DB 16; Length 21;
Best Local Similarity 60.0%; Pred. No. 7.5e+04;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 7 GGGGTTTGTCTGGGC 21
   |||||
Db 1 GGGGGUUUCUGGCG 15

Search completed: August 2, 2004, 18:41:52
Job time : 178.667 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 2, 2004, 13:15:26 ; Search time 177.667 Seconds
(without alignments)
607.143 Million cell updates/sec

Title: US-09-270-437D-11

Perfect score: 22
Sequence: 1 tcttgccgctggccctcag 22

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 157646

Minimum DB seq length: 21
Maximum DB seq length: 23

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA:*

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2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
3: /cgn2_6/ptodata/2/pubpna/US05_NEW_PUB.seq:*
4: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq:*
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8: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*
9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq:*
10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq:*
11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:*
12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
13: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq2:*
14: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
15: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:*
16: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq:*
17: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
18: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	13.2	60.0	22	16	US-10-422-555-12
2	12.2	55.5	22	9	US-09-454-495-5
3	12.2	55.5	22	13	US-09-771-335-4
4	12	54.5	21	9	US-09-765-081-415
5	12	54.5	21	10	US-09-932-300-57
6	12	54.5	21	12	US-10-050-888A-3
7	12	54.5	21	12	US-10-296-416-8
8	11.6	52.7	22	9	US-09-774-107-9
9	11.4	51.8	22	15	US-10-277-249-2
10	11.4	51.8	23	13	US-10-338-674-2274
11	11.4	51.8	23	13	US-10-338-674-2275
12	11.2	50.9	21	9	US-09-978-295A-416
13	11.2	50.9	21	9	US-09-978-697-416
14	11.2	50.9	21	9	US-09-978-192A-416

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15 11.2 50.9 21 9 US-09-999-832A-416 Sequence 416, App
16 11.2 50.9 21 10 US-09-978-189-416 Sequence 416, App
17 11.2 50.9 21 10 US-09-978-608A-416 Sequence 416, App
18 11.2 50.9 21 10 US-09-978-585A-416 Sequence 416, App
19 11.2 50.9 21 10 US-09-978-191A-416 Sequence 416, App
20 11.2 50.9 21 10 US-09-978-403A-416 Sequence 416, App
21 11.2 50.9 21 10 US-09-978-564A-416 Sequence 416, App
22 11.2 50.9 21 10 US-09-999-833A-416 Sequence 416, App
23 11.2 50.9 21 10 US-09-981-915A-416 Sequence 416, App
24 11.2 50.9 21 10 US-09-978-824-416 Sequence 416, App
25 11.2 50.9 21 10 US-09-918-585A-416 Sequence 416, App
26 11.2 50.9 21 10 US-09-978-423A-416 Sequence 416, App
27 11.2 50.9 21 10 US-09-978-193A-416 Sequence 416, App
28 11.2 50.9 21 10 US-09-999-830A-416 Sequence 416, App
29 11.2 50.9 21 10 US-09-978-757A-416 Sequence 416, App
30 11.2 50.9 21 10 US-09-978-187B-416 Sequence 416, App
31 11.2 50.9 21 10 US-09-978-643A-416 Sequence 416, App
32 11.2 50.9 21 10 US-09-978-375A-416 Sequence 416, App
33 11.2 50.9 21 10 US-09-978-298A-416 Sequence 416, App
34 11.2 50.9 21 10 US-09-978-188A-416 Sequence 416, App
35 11.2 50.9 21 10 US-09-978-681A-416 Sequence 416, App
36 11.2 50.9 21 10 US-09-978-194A-416 Sequence 416, App
37 11.2 50.9 21 10 US-09-999-829A-416 Sequence 416, App
38 11.2 50.9 21 10 US-09-978-299A-416 Sequence 416, App
39 11.2 50.9 21 10 US-09-978-544A-416 Sequence 416, App
40 11.2 50.9 21 10 US-09-978-665A-416 Sequence 416, App
41 11.2 50.9 21 10 US-09-978-803A-416 Sequence 416, App
42 11.2 50.9 21 13 US-10-164-749A-416 Sequence 416, App
43 11.2 50.9 21 13 US-09-999-831A-416 Sequence 416, App
44 11.2 50.9 21 13 US-10-013-917A-416 Sequence 416, App
45 11.2 50.9 21 13 US-09-999-834A-416 Sequence 416, App

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ALIGNMENTS

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RESULT 1
US-10-422-555-12
; Sequence 12, Application US/10422555
; Publication No: US20040005326A1
; GENERAL INFORMATION:
; APPLICANT: Mottram, Jeremy
; APPLICANT: Coombs, Graham
; TITLE OF INVENTION: LEISHMANIA VACCINE
; FILE REFERENCE: 9013.12
; CURRENT APPLICATION NUMBER: US/10/422,555
; CURRENT FILING DATE: 2003-04-24
; PRIOR APPLICATION NUMBER: US/09/402,573C
; PRIOR FILING DATE: 1999-10-25
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(22)
; OTHER INFORMATION: oligonucleotide primer
US-10-422-555-12

```

```

Query Match 60.0%; Score 13.2; DB 16; Length 22;
Best Local Similarity 83.3%; Pred. No. 2.1e+04;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 5 TGCAGCTGCGGCTCTAG 22
    |||||
Db 2 TGCAGCTGCGGCTCTG 19

```

```

RESULT 2
US-09-454-495-5/c
; Sequence 5, Application US/09454495

```

; Patent No. US20020147161A1
; GENERAL INFORMATION: Gurucharan
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zeng, Hong
; APPLICANT: Vallerga, Anne
; APPLICANT: Zarling, David A.
; TITLE OF INVENTION: NOVEL ANTISENSE INHIBITION OF RAD51
; FILE REFERENCE: A-67649-1/RMS/DAV/JJD
; CURRENT APPLICATION NUMBER: US/09/454,495
; CURRENT FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 60/119,578
; PRIOR FILING DATE: 1999-02-10
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic.
US-09-454-495-5

Query Match 55.5%; Score 12.2; DB 9; Length 22;
Best Local Similarity 52.4%; Pred. No. 5.8e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6 GCGGCTGCGGCTCTCAG 22
DB 20 GCGGCGAGCGGCCAGAG 4

RESULT 3
US-09-771-355-4/c
; Sequence 4, Application US/09771355
; Publication No. US20020086840A1
; GENERAL INFORMATION:
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zarling, David A.
; TITLE OF INVENTION: USE OF RAD51 INHIBITORS FOR p53 GENE THERAPY
; FILE REFERENCE: A-68872-1/RFT/RMS/BTC
; CURRENT APPLICATION NUMBER: US/09/771,355
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 4
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Antisense
; OTHER INFORMATION: oligonucleotide
US-09-771-355-4

Query Match 55.5%; Score 12.2; DB 13; Length 22;
Best Local Similarity 82.4%; Pred. No. 5.8e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6 GCGGCTGCGGCTCTCAG 22
DB 20 GCGGCGAGCGGCCAGAG 4

RESULT 4
US-09-765-081-415
; Sequence 415, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargili, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Landier, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081

; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 415
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-765-081-415

Query Match 54.5%; Score 12; DB 9; Length 21;
Best Local Similarity 85.7%; Pred. No. 7.2e+04;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCGTGGCGGCTCA 21
DB 5 GCGTGGCGGCTCA 18

RESULT 5
US-09-932-300-57
; Sequence 57, Application US/09932300
; Publication No. US20030032788A1
; GENERAL INFORMATION:
; APPLICANT: GARVER, Eric
; APPLICANT: TU, Guang-Chou
; APPLICANT: ISRAEL, Yedy
; TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION
; FILE REFERENCE: 9855-3U2
; CURRENT APPLICATION NUMBER: US/09/932,300
; CURRENT FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: US 60/7051,705
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: US 09/109,663
; PRIOR FILING DATE: 1998-07-02
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 57
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Candidate
; OTHER INFORMATION: TNF(alpha) ASO
US-09-932-300-57

Query Match 54.5%; Score 12; DB 10; Length 21;
Best Local Similarity 75.0%; Pred. No. 7.2e+04;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3 CTGCGGCTGCGGCTCAG 22
DB 1 CTGAGCTCAGCTCCCTCAG 20

RESULT 6
US-10-050-888A-3
; Sequence 3, Application US/10050888A
; Publication No. US2004007376A1
; GENERAL INFORMATION:
; APPLICANT: Gesteland, Raymond F.
; APPLICANT: Atkins, John F.
; APPLICANT: Matveeva, Olga V.
; APPLICANT: Giddings, Michael C.
; TITLE OF INVENTION: Finding Active Antisense Oligonucleotides Using Artificial Neural
; FILE REFERENCE: T9479.B
; CURRENT APPLICATION NUMBER: US/10/050,888A
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: US 60/262,993
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 20

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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-050-886A-3

Query Match      54.5%; Score 12; DB 12; Length 21;
Best Local Similarity 75.0%; Pred. No. 7.2e+04;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3 CTTGGCGCTGCGGCTCAG 22
    |||||
Db 1 CTTGAGCTCAGTCCCTCAG 20

RESULT 7
US-10-296-416-8/c
; Sequence 8, Application US/10296416
; Publication No. US20040072142A1
; GENERAL INFORMATION:
; APPLICANT: Bacher, Adelbert
; APPLICANT: Zenk, Meinhard H.
; APPLICANT: Adam, Petra
; APPLICANT: Bisenreich, Wolfgang
; APPLICANT: Fellermeier, Monika
; APPLICANT: Hecht, Stefan
; APPLICANT: Rohdich, Felix
; APPLICANT: Schuhr, Christoph
; APPLICANT: Wungstintaweeikul, Jurathip
; TITLE OF INVENTION: THE NON-MEVALONATE ISOPRENOID PATHWAY
; FILE REFERENCE: 9286.13
; CURRENT APPLICATION NUMBER: US/10/296,416
; PRIOR FILING DATE: 2003-07-08
; PRIOR APPLICATION NUMBER: PCT/EP01/06255
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: DE10027821.3
; PRIOR FILING DATE: 2000-06-05
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-296-416-8

Query Match      54.5%; Score 12; DB 12; Length 21;
Best Local Similarity 75.0%; Pred. No. 7.2e+04;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2 CCTTGGCGCTGCGGCTCAG 21
    |||||
Db 21 CCTTGGCGCTGAGGCCCA 2

RESULT 8
US-09-774-107-9/c
; Sequence 9, Application US/09774107
; Patent No. US20020100082A1
; GENERAL INFORMATION:
; APPLICANT: YAMASHITA, Hiroshige
; APPLICANT: KATO, Ikunoshin
; TITLE OF INVENTION: METHODS FOR DETERMINING CONTENT OF HETEROLOGOUS INDIVIDUAL
; FILE REFERENCE: YAMASHITA=1
; CURRENT APPLICATION NUMBER: US/09/774,107
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: JP 2000/058726
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9

; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; NAME/KEY: misc feature
; OTHER INFORMATION: Designed oligonucleotide probe to detect EPSPS protein gene sequ
; OTHER INFORMATION: nce.
US-09-774-107-9

Query Match      52.7%; Score 11.6; DB 9; Length 22;
Best Local Similarity 77.8%; Pred. No. 1.1e+05;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4 TTGCGGCTGCGGCTCA 21
    |||||
Db 21 TTTCGCGCAGCGGGTTCA 4

RESULT 9
US-10-277-249-2
; Sequence 2, Application US/10277249
; Publication No. US20030157674A1
; GENERAL INFORMATION:
; APPLICANT: Emptage, Mark
; APPLICANT: Haynie, Sharon
; APPLICANT: Laffend, Lisa
; APPLICANT: Pucci, Jeff
; APPLICANT: Whited, Greg
; TITLE OF INVENTION: Improved Process for the Biological Production of 1,3-Propanediol
; TITLE OF INVENTION: High Titer
; FILE REFERENCE: BC1020 US DIV
; CURRENT APPLICATION NUMBER: US/10/277,249
; CURRENT FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: 60/149,534
; PRIOR FILING DATE: 1999-08-08
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 2
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-277-249-2

Query Match      51.8%; Score 11.4; DB 15; Length 22;
Best Local Similarity 71.4%; Pred. No. 1.3e+05;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 CCTTGGCGCTGCGGCTCAG 22
    |||||
Db 2 CTTTGTGTGCTGCGGCTTAG 22

RESULT 10
US-10-339-674-2274
; Sequence 2274, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 2274
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (3099709)...(3099731)
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; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 3007
; US-10-339-674-2274
Query Match          51.8%; Score 11.4; DB 13; Length 23;
Best Local Similarity 71.4%; Pred. No. 1.3e+05;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1 TCCTTGGCGCTGGGGCTCA 21
Db 1 TCCATGCCGATGGGGCTAA 21

RESULT 11
US-10-339-674-2275/c
; Sequence 2275, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 2275
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (3099709) ... (3099731)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 3008
; US-10-339-674-2275

Query Match          51.8%; Score 11.4; DB 13; Length 23;
Best Local Similarity 71.4%; Pred. No. 1.3e+05;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1 TCCTTGGCGCTGGGGCTCA 21
Db 23 TCCATGCCGATGGGGCTAA 3

RESULT 12
US-09-978-295A-416
; Sequence 416, Application US/09978295A
; Patent No. US2002015606A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
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; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630FIC11
; CURRENT APPLICATION NUMBER: US/09/978,295A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
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; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
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1 PRIOR FILING DATE: 1998-04-08
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4 PRIOR APPLICATION NUMBER: 60/081195
5 PRIOR FILING DATE: 1998-04-08
6 PRIOR APPLICATION NUMBER: 60/081203
7 PRIOR FILING DATE: 1998-04-09
8 PRIOR APPLICATION NUMBER: 60/081229
9 PRIOR FILING DATE: 1998-04-09
10 PRIOR APPLICATION NUMBER: 60/081955
11 PRIOR FILING DATE: 1998-04-15
12 PRIOR APPLICATION NUMBER: 60/081817
13 PRIOR FILING DATE: 1998-04-15
14 PRIOR APPLICATION NUMBER: 60/081919
15 PRIOR FILING DATE: 1998-04-15
16 PRIOR APPLICATION NUMBER: 60/081952
17 PRIOR FILING DATE: 1998-04-15
18 PRIOR APPLICATION NUMBER: 60/081838
19 PRIOR FILING DATE: 1998-04-15
20 PRIOR APPLICATION NUMBER: 60/082568
21 PRIOR FILING DATE: 1998-04-21
22 PRIOR APPLICATION NUMBER: 60/082569
23 PRIOR FILING DATE: 1998-04-21
24 PRIOR APPLICATION NUMBER: 60/082704
25 PRIOR FILING DATE: 1998-04-22
26 PRIOR APPLICATION NUMBER: 60/082804
27 PRIOR FILING DATE: 1998-04-22
28 PRIOR APPLICATION NUMBER: 60/082700
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33 PRIOR FILING DATE: 1998-04-23
34 PRIOR APPLICATION NUMBER: 60/083336
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58 PRIOR APPLICATION NUMBER: 60/084366
59 PRIOR FILING DATE: 1998-05-05
60 PRIOR APPLICATION NUMBER: 60/084414
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62 PRIOR APPLICATION NUMBER: 60/084441
63 PRIOR FILING DATE: 1998-05-06
64 PRIOR APPLICATION NUMBER: 60/084637
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66 PRIOR APPLICATION NUMBER: 60/084639
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69 PRIOR FILING DATE: 1998-05-07
70 PRIOR APPLICATION NUMBER: 60/084598
71 PRIOR FILING DATE: 1998-05-07
72 PRIOR APPLICATION NUMBER: 60/084600
73 PRIOR FILING DATE: 1998-05-07

1 PRIOR APPLICATION NUMBER: 60/084627
2 PRIOR FILING DATE: 1998-05-07
3 PRIOR APPLICATION NUMBER: 60/084643
4 PRIOR FILING DATE: 1998-05-07
5 PRIOR APPLICATION NUMBER: 60/085339
6 PRIOR FILING DATE: 1998-05-13
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17 PRIOR APPLICATION NUMBER: 60/085579
18 PRIOR FILING DATE: 1998-05-15
19 PRIOR APPLICATION NUMBER: 60/085580
20 PRIOR FILING DATE: 1998-05-15
21 PRIOR APPLICATION NUMBER: 60/085573
22 PRIOR FILING DATE: 1998-05-15
23 PRIOR APPLICATION NUMBER: 60/085704
24 PRIOR FILING DATE: 1998-05-15
25 PRIOR APPLICATION NUMBER: 60/085697

Query Match 50.9%; Score 11.2; DB 9; Length 21;

Best Local Similarity 81.2%; Pred. No. 1.6e+05; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CCTTGGCGCTGCGGC 17
|||||
Db 1 CCTGGCTCGCTGCTGC 16

RESULT 13

US-09-978-697-416
; Sequence 416, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC27
; CURRENT APPLICATION NUMBER: US/09/978,697
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585

[illegible]

;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
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;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 50.9%; Score 11.2; DB 9; Length 21;

Best Local Similarity 81.2%; Pred. No. 1.6e+05;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 CCTGCGGCTGCGGC 17
||| |||||
DB 1 CCTGCTGCTGCTGC 16

RESULT 14

US-09-978-192A-416

Sequence 416, Application US/09978192A

Patent No. US2002017553A1

GENERAL INFORMATION:

;; APPLICANT: Ashkenazi, Avi
;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerritsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kljavin, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James,
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2630PIC9
;; CURRENT APPLICATION NUMBER: US/09/978,192A
;; CURRENT FILING DATE: 2001-10-15
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
;; PRIOR APPLICATION NUMBER: 60/062250
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/064249
;; PRIOR FILING DATE: 1997-11-03
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;; PRIOR FILING DATE: 1997-11-21
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 ; PRIOR FILING DATE: 1998-05-15
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 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085697

Query Match 50.9%; Score 11.2; DB 9; Length 21;
 Best Local Similarity 81.2%; Pred. No. 1.6e+05;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 CCTTGGCGGCTGCGGC 17
 DB 1 CCTGGCTGCTGCTGC 16

RESULT 15
 US-09-999-832A-416
 ; Sequence 416, Application US/09999832A
 ; Publication No. US20020192706A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnovers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James;
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2630P1C63
 ; CURRENT APPLICATION NUMBER: US/09/999,832A
 ; CURRENT FILING DATE: 2001-10-24
 ; PRIOR APPLICATION NUMBER: 09/918585
 ; PRIOR FILING DATE: 2001-07-30
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/064249
 ; PRIOR FILING DATE: 1997-11-03
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 ; PRIOR FILING DATE: 1998-03-10
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 ; PRIOR FILING DATE: 1998-03-11
 ; PRIOR APPLICATION NUMBER: 60/077641

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3 PRIOR FILING DATE: 1998-03-11
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8 PRIOR APPLICATION NUMBER: 60/078886
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16 PRIOR APPLICATION NUMBER: 60/079294
17 PRIOR FILING DATE: 1998-03-25
18 PRIOR APPLICATION NUMBER: 60/079656
19 PRIOR FILING DATE: 1998-03-26
20 PRIOR APPLICATION NUMBER: 60/079664
21 PRIOR FILING DATE: 1998-03-27
22 PRIOR APPLICATION NUMBER: 60/079689
23 PRIOR FILING DATE: 1998-03-27
24 PRIOR APPLICATION NUMBER: 60/079663
25 PRIOR FILING DATE: 1998-03-27
26 PRIOR APPLICATION NUMBER: 60/079728
27 PRIOR FILING DATE: 1998-03-27
28 PRIOR APPLICATION NUMBER: 60/079786
29 PRIOR FILING DATE: 1998-03-27
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31 PRIOR FILING DATE: 1998-03-30
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35 PRIOR FILING DATE: 1998-03-31
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37 PRIOR FILING DATE: 1998-03-31
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40 PRIOR APPLICATION NUMBER: 60/080194
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106 PRIOR APPLICATION NUMBER: 60/083500
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114 PRIOR APPLICATION NUMBER: 60/084441
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119 PRIOR FILING DATE: 1998-05-07
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122 PRIOR APPLICATION NUMBER: 60/084598
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125 PRIOR FILING DATE: 1998-05-07
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127 PRIOR FILING DATE: 1998-05-07
128 PRIOR APPLICATION NUMBER: 60/084643
129 PRIOR FILING DATE: 1998-05-07
130 PRIOR APPLICATION NUMBER: 60/085339
131 PRIOR FILING DATE: 1998-05-13
132 PRIOR APPLICATION NUMBER: 60/085338
133 PRIOR FILING DATE: 1998-05-13
134 PRIOR APPLICATION NUMBER: 60/085323
135 PRIOR FILING DATE: 1998-05-13
136 PRIOR APPLICATION NUMBER: 60/085582
137 PRIOR FILING DATE: 1998-05-15
138 PRIOR APPLICATION NUMBER: 60/085700
139 PRIOR FILING DATE: 1998-05-15
140 PRIOR APPLICATION NUMBER: 60/085689
141 PRIOR FILING DATE: 1998-05-15
142 PRIOR APPLICATION NUMBER: 60/085579
143 PRIOR FILING DATE: 1998-05-15
144 PRIOR APPLICATION NUMBER: 60/085580
145 PRIOR FILING DATE: 1998-05-15
146 PRIOR APPLICATION NUMBER: 60/085573

; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085704
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085697

Query Match 50.9%; Score 11.2; DB 9; Length 21;
 Best Local Similarity 81.2%; Pred. NC. 1.6e+05;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CCTTGGCGGCTGGCGC 17
 |||||
 Db 1 CCTGGCTGCTGCTGC 16
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Search completed: August 2, 2004, 18:41:53
 Job time : 178.667 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 2, 2004, 13:15:26 ; Search time 185.742 Seconds
(without alignments)
607.143 Million cell updates/sec

Title: US-09-270-437D-12

Perfect score: 23

Sequence: 1 ccaactggtgccattcagcttc 23

Scoring table: IDENTITY_NUC

Gapop 10_0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 157646

Minimum DB seq length: 21

Maximum DB seq length: 23

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA:*

- 1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq.*
- 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
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- 6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq.*
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- 11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq.*
- 12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
- 13: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
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- 16: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq.*
- 17: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
- 18: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
- 19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	14.8	64.3	21	9	US-09-765-081-109
2	12.6	54.8	21	16	US-10-349-143-8247
3	12.4	53.9	21	15	US-10-054-841-14
C 4	12.2	53.0	21	9	US-09-927-668-13
5	11.8	51.3	22	15	US-10-032-189-147
6	11.8	51.3	23	11	US-09-931-486-36
C 7	11.6	50.4	21	15	US-10-443-923-13
8	11.6	50.4	21	15	US-10-165-099-316
9	11.6	50.4	21	16	US-10-434-369-60
C 10	11.6	50.4	21	17	US-10-759-037-13
11	11.6	50.4	22	15	US-10-032-585-5030
12	11.6	50.4	22	16	US-10-085-198-600
13	11.6	50.4	22	16	US-10-085-198-612
14	11.4	49.6	21	15	US-10-032-189-214

C 15	11.4	49.6	21	15	US-10-299-991-23	Sequence 23, Appl
C 16	11.4	49.6	21	17	US-10-293-965-23	Sequence 23, Appl
C 17	11.2	48.7	21	13	US-10-252-155-452	Sequence 452, Appl
18	11.2	48.7	21	17	US-10-432-422-9	Sequence 9, Appl
19	11.2	48.7	21	17	US-10-432-422-181	Sequence 181, Appl
C 20	11.2	48.7	22	13	US-10-247-839-78	Sequence 78, Appl
C 21	11.2	48.7	23	13	US-10-261-382-19	Sequence 19, Appl
C 22	11.2	48.7	23	13	US-10-261-382-24	Sequence 24, Appl
C 23	11.2	48.7	23	13	US-10-396-964-39	Sequence 39, Appl
C 24	11	47.8	21	9	US-09-804-551B-76	Sequence 76, Appl
C 25	11	47.8	21	10	US-09-904-968A-34	Sequence 34, Appl
C 26	11	47.8	21	13	US-10-336-472-220	Sequence 220, Appl
C 27	11	47.8	21	15	US-10-083-248A-63	Sequence 63, Appl
C 28	11	47.8	21	16	US-10-080-334-377	Sequence 377, Appl
C 29	11	47.8	22	13	US-10-384-491-290	Sequence 290, Appl
C 30	11	47.8	23	10	US-09-945-943-15	Sequence 8, Appl
C 31	11	47.8	23	10	US-09-945-943-15	Sequence 15, Appl
C 32	10.8	47.0	21	9	US-09-308-106-2	Sequence 2, Appl
C 33	10.8	47.0	21	9	US-09-805-761-51	Sequence 51, Appl
C 34	10.8	47.0	21	13	US-10-384-491-255	Sequence 255, Appl
C 35	10.8	47.0	21	14	US-10-038-984-16	Sequence 16, Appl
C 36	10.8	47.0	21	15	US-10-032-585-5474	Sequence 5474, Ap
C 37	10.8	47.0	21	17	US-10-637-009-38	Sequence 38, Appl
C 38	10.8	47.0	22	10	US-09-382-860-139	Sequence 139, Appl
C 39	10.8	47.0	22	12	US-10-467-930-6	Sequence 6, Appl
C 40	10.8	47.0	23	9	US-09-866-778A-15	Sequence 15, Appl
C 41	10.8	47.0	23	13	US-10-362-091-31	Sequence 31, Appl
C 42	10.6	46.1	21	8	US-08-983-605-191	Sequence 191, Appl
C 43	10.6	46.1	21	9	US-09-898-779-6	Sequence 6, Appl
C 44	10.6	46.1	21	9	US-09-898-779-7	Sequence 7, Appl
C 45	10.6	46.1	21	9	US-09-860-784-19	Sequence 19, Appl

ALIGNMENTS

RESULT 1

US-09-765-081-109
; Sequence 109, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765.081
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 109
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-109

Query Match 64.3%; Score 14.8; DB 9; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.1e+03;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 4 ACTGGTGGCCATTGAGCTTC 23
Db 1 ATTGGTGGCTTTCAGTTTC 20

RESULT 2

US-10-349-143-8247
; Sequence 8247, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENST.020C21
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8247
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-14620 for SEQ 382, in compleme
US-10-349-143-8247

Query Match 54.8%; Score 12.6; DB 16; Length 21;
Best Local Similarity 78.9%; Pred. No. 2.6e+04;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAACTGGTGCCATTGAC 19
Db 3 CCAACTATTGGCCATTAG 21

RESULT 3
US-10-054-841-14
Sequence 14, Application US/10054841
Publication No. US20030119100A1
GENERAL INFORMATION:
APPLICANT: Chen, Fang
TITLE OF INVENTION: DNA MOLECULES ENCODING HUMAN NUCLEAR
TITLE OF INVENTION: RECEPTOR PROTEINS
FILE REFERENCE: 19999YCA
CURRENT APPLICATION NUMBER: US/10/054,841
CURRENT FILING DATE: 2002-01-23
PRIOR APPLICATION NUMBER: 09/487,379
PRIOR FILING DATE: 2000-01-18
PRIOR APPLICATION NUMBER: 09/141,000
PRIOR FILING DATE: 1998-08-26
PRIOR APPLICATION NUMBER: 60/078,633
PRIOR FILING DATE: 1998-03-19
PRIOR APPLICATION NUMBER: 60/062,902
PRIOR FILING DATE: 1997-10-21
PRIOR APPLICATION NUMBER: 60/057,090
PRIOR FILING DATE: 1997-08-27
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 14
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-10-054-841-14

Query Match 53.9%; Score 12.4; DB 15; Length 21;
Best Local Similarity 92.9%; Pred. No. 3.2e+04;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 CTGGTGCCATTCA 18
Db 4 CTGATGCCATTCA 17

RESULT 4
US-09-927-668-13/c
Sequence 13, Application US/09927668
Patent No. US20020115144A1
GENERAL INFORMATION:
APPLICANT: Kaplan, Jerry
Perou, Charles
Moore, Karen
TITLE OF INVENTION: COMPOSITIONS FOR THE DIAGNOSIS
AND TREATMENT OF CHEDIAK-HIGASHI SYNDROME
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/927,668
FILING DATE: 10-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/396,540
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-062-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-927-668-13

Query Match 53.0%; Score 12.2; DB 9; Length 21;
Best Local Similarity 82.4%; Pred. No. 4e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5 CTGGTGCCATTGACT 21
Db 18 CTGGTGTCATTCAC 2

RESULT 5
US-10-032-189-147
Sequence 147, Application US/10032189
Publication No. US20030170630A1
GENERAL INFORMATION:
APPLICANT: Alsobrook II, John P
APPLICANT: Tchernev, Velizar T
APPLICANT: Liu, Xiaohong
APPLICANT: Spytek, Kimberly A
APPLICANT: Zernusen, Bryan D
APPLICANT: Patturajan, Meera
APPLICANT: Grosse, William M
APPLICANT: Lepley, Denise M
APPLICANT: Burgess, Catherine B
APPLICANT: Shimkets, Richard A

APPLICANT: Grosse, William M
APPLICANT: Szekeres, Edward S
APPLICANT: Vernet, Corine A.M.
APPLICANT: Li, Li
APPLICANT: Casman, Stacie J
APPLICANT: Boldog, Ferenc L
APPLICANT: Gorman, Linda
APPLICANT: Gangolli, Esha A
APPLICANT: Fernandes, Elma R
APPLICANT: Rieger, Daniel K
APPLICANT: Edinger, Shlomit R
APPLICANT: Gunther, Erik
APPLICANT: Millet, Isabelle
APPLICANT: Sciore, Paul
APPLICANT: Ellerman, Karen
APPLICANT: MacDougall, John R
APPLICANT: Smithson, Glenda
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-228
CURRENT APPLICATION NUMBER: US/10/032,189
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/257,495
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/258,171
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 60/269,940
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/274,192
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/277,826
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 60/279,840
PRIOR FILING DATE: 2001-03-29
PRIOR APPLICATION NUMBER: 60/282,981
PRIOR FILING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: 60/283,656
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 60/309,247
PRIOR FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: 60/311,754
PRIOR FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: 60/313,331
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 260
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 147
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: NOV5 Primer 2
US-10-032-189-147

Query Match 51.3%; Score 11.8; DB 15; Length 22;
Best Local Similarity 86.7%; Pred. No. 6.3e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTCGGTGGCCATTGAC 19
Db 1 CTCGAGGCCATTGAC 15

RESULT 6
US-09-931-486-36
Sequence 36, Application US/09931486
Publication No. US20030215802A1
GENERAL INFORMATION:
APPLICANT: JANNES, GEERT
ROSSAU, RUDI
VAN HEUVERSWYN, HUGO

TITLE OF INVENTION: SIMULTANEOUS DETECTION, IDENTIFICATION
AND DIFFERENTIATION OF EUBACTERIAL TAXA USING A
HYBRIDIZATION ASSAY

NUMBER OF SEQUENCES: 216
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 22201
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/931,486
FILING DATE: 17-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/448,894
FILING DATE: <Unknown>
APPLICATION NUMBER: EP 95870032.0
FILING DATE: 07-APR-1995
APPLICATION NUMBER: EP 94870106.5
FILING DATE: 24-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 1487-14
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-816-4091
TELEFAX: 703-816-4100
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-931-486-36

Query Match 51.3%; Score 11.8; DB 11; Length 23;
Best Local Similarity 86.7%; Pred. No. 6.4e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 ACTGGTGGCCATTCA 18
Db 2 ACTGGTGGCCATTCA 16

RESULT 7
US-10-443-923-13/c
Sequence 13, Application US/10443923
Publication No. US20030185857A1
GENERAL INFORMATION:
APPLICANT: Yosefi, Shaul
APPLICANT: Zemel, Romi
TITLE OF INVENTION: HEPATITIS B VIRUS BINDING PROTEINS AND USES THEREOF
FILE REFERENCE: 26143
CURRENT APPLICATION NUMBER: US/10/443,923
CURRENT FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-10-443-923-13

```
Query Match      50.4%; Score 11.6; DB 15; Length 21;
Best Local Similarity 77.8%; Pred. No. 7.9e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4 ACTGGTGGCCATTTCAGCT 21
    ||||| ||||| |||||
Db 21 ACTGGTGGCCATGGTGCT 4

RESULT 8
US-10-165-099-316
; Sequence 316, Application US/10165099
; Publication No. US20030188326A1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea, Alan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
; FILE REFERENCE: 7032/2085
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 09/998,027
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US 60/245,756
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 316
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-165-099-316

Query Match      50.4%; Score 11.6; DB 15; Length 21;
Best Local Similarity 77.8%; Pred. No. 7.9e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAACTGGTGGCCATTCA 18
    ||||| ||||| |||||
Db 1 CCACCTGGAGACATTCA 18

RESULT 9
US-10-434-369-60
; Sequence 60, Application US/10434369
; Publication No. US20040009515A1
; GENERAL INFORMATION:
; APPLICANT: City of Hope
; APPLICANT: Liu, Qiang
; APPLICANT: Sommer, Steve S.
; APPLICANT: Riggs, Arthur D.
; TITLE OF INVENTION: Pyrophosphorolysis Activated Polymerization (PAP)
; FILE REFERENCE: 1954-378-II
; CURRENT APPLICATION NUMBER: US/10/434,369
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: US 10/269,879
; PRIOR FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: US 09/789,556
; PRIOR FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: US 60/379,092
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: US 60/237,180
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: US 60/187,035
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: US 60/184,315
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 60
; LENGTH: 21
; TYPE: DNA
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; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-434-369-60

Query Match      50.4%; Score 11.6; DB 16; Length 21;
Best Local Similarity 77.8%; Pred. No. 7.9e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 CAACTGGTGCCATTTCAG 19
    ||||| ||||| |||||
Db 2 CAACTGGCGGCAACAG 19

RESULT 10
US-10-759-037-13/c
; Sequence 13, Application US/10759037
; Publication No. US20040138131A1
; GENERAL INFORMATION:
; APPLICANT: Yosef, Shaul
; APPLICANT: Zemel, Romi
; TITLE OF INVENTION: HEPATITIS B VIRUS BINDING PROTEINS AND USES THEREOF
; FILE REFERENCE: 27169
; CURRENT APPLICATION NUMBER: US/10/759,037
; CURRENT FILING DATE: 2004-01-20
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-759-037-13

Query Match      50.4%; Score 11.6; DB 17; Length 21;
Best Local Similarity 77.8%; Pred. No. 7.9e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4 ACTGGTGGCCATTTCAGCT 21
    ||||| ||||| |||||
Db 21 ACTGGTGGCCATGGTGCT 4

RESULT 11
US-10-032-585-5030
; Sequence 5030, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5030
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5030

Query Match      50.4%; Score 11.6; DB 15; Length 22;
Best Local Similarity 77.8%; Pred. No. 8e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 CAACTGGTGGCCATTTCAG 19
    ||||| ||||| |||||
Db 5 CAACTGGTGGCCTTCAG 22
```

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RESULT 12
US-10-085-198-600
; Sequence 600, Application US/10085198
; Publication No. US20040009907A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 600
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-10-085-198-600

Query Match          50.4%; Score 11.6; DB 16; Length 22;
Best Local Similarity 77.8%; Pred. No. 8e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2 CCACTGGTGGCCATTTCAG 19
      |||||
Db      1 CAGCTGGTGACATCCGG 18

RESULT 13
US-10-085-198-612
; Sequence 612, Application US/10085198
; Publication No. US20040009907A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
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; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 612
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-10-085-198-612

Query Match          50.4%; Score 11.6; DB 16; Length 22;
Best Local Similarity 77.8%; Pred. No. 8e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2 CCACTGGTGGCCATTTCAG 19
      |||||
Db      1 CAGCTGGTGACATCCGG 18

RESULT 14
US-10-032-189-214
; Sequence 214, Application US/10032189
; Publication No. US20030170630A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook II, John P
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Liu, Xiaohong
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Patturajan, Meera
; APPLICANT: Grosse, William M
; APPLICANT: Lepley, Denise M
; APPLICANT: Burgess, Catherine E
; APPLICANT: Shimkets, Richard A
; APPLICANT: Grosse, William M
; APPLICANT: Szekeres, Edward S
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Li, Li
; APPLICANT: Casman, Stacie J
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Gorman, Linda
; APPLICANT: Gangolli, Esha A
; APPLICANT: Fernandes, Elma R
; APPLICANT: Rieger, Daniel K
; APPLICANT: Edinger, Shlomit R
; APPLICANT: Gunther, Erik
; APPLICANT: Millet, Isabelle
; APPLICANT: Sciore, Paul
; APPLICANT: Ellerman, Karen
; APPLICANT: MacDougall, John R
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-228
; CURRENT APPLICATION NUMBER: US/10/032,189
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/257,495
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/258,171
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 60/269,940
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/274,192
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; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/277,826
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 60/279,840
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/282,981
; PRIOR FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 60/283,656
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/309,247
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/311,754
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/313,331
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 260
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 214
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Ag2313 Forward
; OTHER INFORMATION: Primer
US-10-032-189-214

Query Match          49.6%; Score 11.4; DB 15; Length 21;
Best Local Similarity 92.3%; Pred. No. 9.9e+04;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6  TGGTGGCCATTCA 18
Db      9  TGATGGCCATTCA 21

RESULT 15
US-10-299-991-23/c
; Sequence 23, Application US/10299991
; Publication No. US20030194725A1
; GENERAL INFORMATION:
; APPLICANT: Greener et al.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING AND VALIDATING POTENTIAL DRUG TARGETS
; FILE REFERENCE: P01-004
; CURRENT APPLICATION NUMBER: US/10/299,991
; CURRENT FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/331701
; PRIOR FILING DATE: 2001-11-19
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Target sequence
US-10-299-991-23

Query Match          49.6%; Score 11.4; DB 15; Length 21;
Best Local Similarity 71.4%; Pred. No. 9.9e+04;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      2  CAACTGGTGGCCATTCCAGCTT 22
Db      21  CACAGGAGATAATCCAGCTT 1
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Search completed: August 2, 2004, 18:41:54
Job time : 186.742 secs

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OM nucleic - nucleic search, using sw model

Run on: August 2, 2004, 13:15:26 ; Search time 177.667 Seconds
(without alignments)
607.143 Million cell updates/sec

Title: US-09-270-437D-13

Perfect score: 22
Sequence: 1 gctcttggggacaggaaggtc 22

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 157646

Minimum DB seq length: 21
Maximum DB seq length: 23

Post-processing: Minimum Match 0%
Maximum Match 100%
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Database : Published Applications NA:*

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- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
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- 10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
- 11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq.*
- 12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
- 13: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq.*
- 14: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq.*
- 15: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq.*
- 16: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq.*
- 17: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
- 18: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
- 19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	12.8	58.2	22	10	US-09-823-711-9
C 2	12.6	57.3	23	9	US-09-814-777A-81
C 3	12.6	57.3	23	15	US-10-196-000-2
C 4	12.6	57.3	23	15	US-10-196-000-6
C 5	12.4	56.4	23	15	US-10-143-897-23
C 6	12.2	55.5	21	16	US-10-349-143-11075
C 7	12.2	55.5	22	17	US-10-432-819-5
C 8	12.2	55.5	22	17	US-10-655-579-38
C 9	12.2	55.5	23	15	US-10-302-279-35
C 10	12	54.5	21	16	US-10-349-143-11540
C 11	12	54.5	22	10	US-09-863-776-109
C 12	11.8	53.6	21	17	US-09-765-081-133
C 13	11.8	53.6	21	9	US-10-451-126A-29
C 14	11.8	53.6	22	15	US-10-148-351-35

15	11.8	53.6	22	16	US-10-265-649-26	Sequence 26, Appl
16	11.8	53.6	23	14	US-10-081-163-3	Sequence 3, Appl
17	11.6	52.7	21	17	US-10-605-498-50	Sequence 50, Appl
18	11.6	52.7	22	13	US-10-236-417-223	Sequence 223, Appl
19	11.6	52.7	22	16	US-10-402-089-27	Sequence 27, Appl
20	11.6	52.7	22	16	US-10-402-089-28	Sequence 28, Appl
21	11.6	52.7	22	16	US-10-402-072A-27	Sequence 27, Appl
22	11.6	52.7	22	16	US-10-402-072A-28	Sequence 28, Appl
23	11.4	51.8	21	15	US-10-164-230-46	Sequence 46, Appl
24	11.4	51.8	21	17	US-10-605-498-49	Sequence 49, Appl
25	11.2	50.9	21	9	US-09-966-546-47	Sequence 47, Appl
26	11.2	50.9	21	9	US-09-966-545-47	Sequence 47, Appl
27	11.2	50.9	21	10	US-09-965-212-47	Sequence 47, Appl
28	11.2	50.9	21	13	US-10-463-261-49	Sequence 49, Appl
29	11.2	50.9	21	15	US-10-189-940-47	Sequence 47, Appl
30	11.2	50.9	21	17	US-10-646-436-52	Sequence 52, Appl
31	11.2	50.9	22	13	US-10-114-270-219	Sequence 219, Appl
32	11.2	50.9	22	13	US-10-114-270-222	Sequence 222, Appl
33	11.2	50.9	22	16	US-10-369-214-81	Sequence 81, Appl
34	11.2	50.9	23	10	US-09-978-525-19	Sequence 19, Appl
35	11.2	50.9	23	13	US-10-072-012-1118	Sequence 1118, Appl
36	11.2	50.9	23	13	US-10-072-012-1130	Sequence 1130, Appl
37	11.2	50.9	23	13	US-10-072-012-1133	Sequence 1133, Appl
38	11	50.0	22	8	US-08-979-847-145	Sequence 145, Appl
39	11	50.0	22	9	US-09-759-847-6	Sequence 6, Appl
40	11	50.0	22	9	US-09-999-672-1	Sequence 1, Appl
41	11	50.0	22	10	US-09-864-636A-2417	Sequence 2417, Appl
42	11	50.0	22	10	US-09-864-636A-2420	Sequence 2420, Appl
43	11	50.0	22	11	US-09-864-426A-2417	Sequence 2417, Appl
44	11	50.0	22	11	US-09-864-426A-2420	Sequence 2420, Appl
45	11	50.0	22	14	US-10-040-863-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-09-823-711-9/c
; Sequence 9, Application US/09823711
; Publication No. US20030165832A1
; GENERAL INFORMATION:
; APPLICANT: Sagner, Gregor
; APPLICANT: Tabiti, Karim
; APPLICANT: Gutekunst, Martin
; APPLICANT: Soong, Richie
; TITLE OF INVENTION: Method for the Efficiency-Corrected Real-Time Quantification of
; TITLE OF INVENTION: Nucleic Acids
; FILE REFERENCE: 5394
; CURRENT APPLICATION NUMBER: US/09/823,711
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: EP/00107036.6
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 3.0
; SEQ ID NO 9
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-823-711-9

Query Match 58.2%; Score 12.8; DB 10; Length 22;
Best Local Similarity 87.5%; Pred. No. 2.3e+04;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TCCTTGGGGACAGGAA 18
| | | | | | | | | | | | | | | | | | | | | |
Db 22 TCCTTGGGGTCAAGAA 7
| | | | | | | | | | | | | | | | | | | | | |

RESULT 2
US-09-814-777A-81/c
; Sequence 81, Application US/09814777A
; Patent No. US20020142415A1

```

; GENERAL INFORMATION:
; APPLICANT: KOOPMAN, Peter Anthony
; APPLICANT: MUSCAT, George Eugene Orlando
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND POLYNUCLEOTIDES AND METHODS OF USING THEM
; FILE REFERENCE: 21415-0003
; CURRENT APPLICATION NUMBER: US/09/814,777A
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: AU P06457
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 81
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GMU0529 primer
; US-09-814-777A-81

Query Match          57.3%; Score 12.6; DB 9; Length 23;
Best Local Similarity 78.9%; Pred. No. 2.9e+04;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4 CTTTGGGACAGGAAGTC 22
Db 23 CGTTGGTGACAGGGAGGCC 5

RESULT 3
US-10-196-000-2/c
; Sequence 2, Application US/10196000
; Publication No. US20030109474A1
; GENERAL INFORMATION:
; APPLICANT: Deutsches Krebsforschungszentrum
; APPLICANT: Angel, Peter
; APPLICANT: Fussenig, No. US20030109474Albert
; APPLICANT: Kolbus, Andrea
; APPLICANT: Schorpp-Kistner, Marina
; APPLICANT: Szabowski, Axel
; APPLICANT: Maas-Szabowski, Nicole
; APPLICANT: Andrecht, Sven
; TITLE OF INVENTION: GENETICALLY MODIFIED FIBROBLAST CELLS
; FILE REFERENCE: 1617.022US1
; CURRENT APPLICATION NUMBER: US/10/196,000
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: PCT/DE01/00131
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: DE 100 11 926.3
; PRIOR FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A primer
; US-10-196-000-2

Query Match          57.3%; Score 12.6; DB 15; Length 23;
Best Local Similarity 78.9%; Pred. No. 2.9e+04;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4 CTTTGGGACAGGAAGTC 22
Db 21 CTTTGGGACTTGAATCTC 3

RESULT 4
US-10-196-000-6/c
; Sequence 6, Application US/10196000
; Publication No. US20030109474A1
; GENERAL INFORMATION:
; APPLICANT: Deutsches Krebsforschungszentrum
; APPLICANT: Angel, Peter
; APPLICANT: Fussenig, No. US20030109474Albert
; APPLICANT: Kolbus, Andrea
; APPLICANT: Schorpp-Kistner, Marina
; APPLICANT: Szabowski, Axel
; APPLICANT: Maas-Szabowski, Nicole
; APPLICANT: Andrecht, Sven
; TITLE OF INVENTION: GENETICALLY MODIFIED FIBROBLAST CELLS
; FILE REFERENCE: 1617.022US1
; CURRENT APPLICATION NUMBER: US/10/196,000
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: PCT/DE01/00131
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: DE 100 11 926.3
; PRIOR FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A primer
; US-10-196-000-2

Query Match          57.3%; Score 12.6; DB 15; Length 23;
Best Local Similarity 78.9%; Pred. No. 2.9e+04;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4 CTTTGGGACAGGAAGTC 22
Db 21 CTTTGGGACTTGAATCTC 3

RESULT 5
US-10-143-897-23
; Sequence 23, Application US/10143897
; Publication No. US20030171273A1
; GENERAL INFORMATION:
; APPLICANT: Berg, Patricia
; TITLE OF INVENTION: No. US20030171273A1 Transcription Factor, BPI
; FILE REFERENCE: 179.37405X00
; CURRENT APPLICATION NUMBER: US/10/143,897
; CURRENT FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: US/09/636,735A
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(23)
; OTHER INFORMATION: synthesized oligonucleotide
; PUBLICATION INFORMATION:
; AUTHORS: Shimamoto T, Nakamura S, Bollekens J, Ruddle FH and Takeshita K
; TITLE: Inhibition of Dix-7 homeobox gene causes decreased expression
; TITLE: of GATA-1 and c-myc genes and apoptosis.
; JOURNAL: Proc. Natl. Acad. Sci. USA
; VOLUME: 94
; ISSUE: 7
; PAGES: 3245-3249
; DATE: 1997
; RELEVANT RESIDUES: (1)..(23)
; US-10-143-897-23

Query Match          56.4%; Score 12.4; DB 15; Length 23;
Best Local Similarity 92.9%; Pred. No. 3.6e+04;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

; APPLICANT: Deutsches Krebsforschungszentrum
; APPLICANT: Angel, Peter
; APPLICANT: Fussenig, No. US20030109474Albert
; APPLICANT: Kolbus, Andrea
; APPLICANT: Schorpp-Kistner, Marina
; APPLICANT: Szabowski, Axel
; APPLICANT: Maas-Szabowski, Nicole
; APPLICANT: Andrecht, Sven
; TITLE OF INVENTION: GENETICALLY MODIFIED FIBROBLAST CELLS
; FILE REFERENCE: 1617.022US1
; CURRENT APPLICATION NUMBER: US/10/196,000
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: PCT/DE01/00131
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: DE 100 11 926.3
; PRIOR FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A primer
; US-10-196-000-6

Query Match          57.3%; Score 12.6; DB 15; Length 23;
Best Local Similarity 78.9%; Pred. No. 2.9e+04;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4 CTTTGGGACAGGAAGTC 22
Db 21 CTTTGGGACTTGAATCTC 3

RESULT 5
US-10-143-897-23
; Sequence 23, Application US/10143897
; Publication No. US20030171273A1
; GENERAL INFORMATION:
; APPLICANT: Berg, Patricia
; TITLE OF INVENTION: No. US20030171273A1 Transcription Factor, BPI
; FILE REFERENCE: 179.37405X00
; CURRENT APPLICATION NUMBER: US/10/143,897
; CURRENT FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: US/09/636,735A
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(23)
; OTHER INFORMATION: synthesized oligonucleotide
; PUBLICATION INFORMATION:
; AUTHORS: Shimamoto T, Nakamura S, Bollekens J, Ruddle FH and Takeshita K
; TITLE: Inhibition of Dix-7 homeobox gene causes decreased expression
; TITLE: of GATA-1 and c-myc genes and apoptosis.
; JOURNAL: Proc. Natl. Acad. Sci. USA
; VOLUME: 94
; ISSUE: 7
; PAGES: 3245-3249
; DATE: 1997
; RELEVANT RESIDUES: (1)..(23)
; US-10-143-897-23

Query Match          56.4%; Score 12.4; DB 15; Length 23;
Best Local Similarity 92.9%; Pred. No. 3.6e+04;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

QY 6 TTGGGACAGGAG 19
 Db 5 TTGGGACAGGAG 18

RESULT 6
 US-10-349-143-11075
 ; Sequence 11075, Application US/10349143
 ; Publication No. US2004000584A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cohen, Daniel
 ; APPLICANT: Blumenfeld, Marta
 ; APPLICANT: Chumakov, Ilya
 ; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
 ; FILE REFERENCE: GENSET 020CPI
 ; CURRENT APPLICATION NUMBER: US/10/349,143
 ; CURRENT FILING DATE: 2003-01-21
 ; PRIOR APPLICATION NUMBER: US/09/422,978
 ; PRIOR FILING DATE: 1999-10-20
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
 ; NUMBER OF SEQ ID NOS: 11796
 ; SEQ ID NO 11075
 ; LENGTH: 21
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 ; FEATURE:
 ; NAME/KEY: primer_bind
 ; LOCATION: 1..21
 ; OTHER INFORMATION: downstream amplification primer 99-24889 for SEQ 3210, in complete

Query Match 55.5%; Score 12.2; DB 16; Length 21;
 Best Local Similarity 82.4%; Pred. No. 4.5e+04;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4 CTTTGGGACAGGAGG 20
 Db 5 CTATGGAGCAGGAGG 21

RESULT 7
 US-10-432-819-5/c
 ; Sequence 5, Application US/10432819
 ; Publication No. US20040091893A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Washington University
 ; APPLICANT: ASTRAZENECA AB
 ; APPLICANT: Gordon, Jeffrey I
 ; APPLICANT: Hooper, Lora V
 ; APPLICANT: Stappenbeck, Thaddeus S
 ; APPLICANT: Falk, Per
 ; APPLICANT: Hansson, Lennart
 ; TITLE OF INVENTION: Method for studying the effects of commensal microflora
 ; TITLE OF INVENTION: on mammalian intestine and treatments of
 ; TITLE OF INVENTION: Gastrointestinal-associated disease based thereon
 ; FILE REFERENCE: 2491-16
 ; CURRENT APPLICATION NUMBER: US/10/432,819
 ; CURRENT FILING DATE: 2003-05-27
 ; PRIOR APPLICATION NUMBER: US 60/252,901
 ; PRIOR FILING DATE: 2000-11-27
 ; NUMBER OF SEQ ID NOS: 49
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 5
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-432-819-5
 Query Match 55.5%; Score 12.2; DB 17; Length 22;
 Best Local Similarity 82.4%; Pred. No. 4.5e+04;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4 CTTTGGGACAGGAGG 20
 Db 20 CTCTGAGGACAGGAGG 4

RESULT 8
 US-10-655-579-38/c
 ; Sequence 38, Application US/10655579
 ; Publication No. US20040126789A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Park, Kyusung
 ; APPLICANT: Lee, Jun E.
 ; TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids
 ; FILE REFERENCE: 0942.5580002
 ; CURRENT APPLICATION NUMBER: US/10/655,579
 ; CURRENT FILING DATE: 2003-09-05
 ; PRIOR APPLICATION NUMBER: 60/408,609
 ; PRIOR FILING DATE: 2002-09-05
 ; PRIOR APPLICATION NUMBER: 60/427,867
 ; PRIOR FILING DATE: 2002-11-19
 ; NUMBER OF SEQ ID NOS: 164
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 38
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Unknown
 ; FEATURE:
 ; OTHER INFORMATION: Hba2-67, forward primer

Query Match 55.5%; Score 12.2; DB 17; Length 22;
 Best Local Similarity 82.4%; Pred. No. 4.5e+04;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3 TCTTGGGACAGGAGG 19
 Db 22 TCTGTTGGGACAGGAGG 6

RESULT 9
 US-10-302-279-35
 ; Sequence 35, Application US/10302279
 ; Publication No. US20030171566A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dean, Michael Carlton
 ; APPLICANT: Hahn, Heidi Eve
 ; APPLICANT: Wicking, Carol
 ; APPLICANT: Christiansen, Jeffrey
 ; APPLICANT: Zaphitopoulos, Peter G.
 ; APPLICANT: Gailani, Mae R.
 ; APPLICANT: Shanley, Susan Mary
 ; APPLICANT: Chidambaram, Abirami
 ; APPLICANT: Vorechovsky, Igor
 ; APPLICANT: Holmberg-Lindstrom, Erika
 ; TITLE OF INVENTION: A Basal Cell Carcinoma Tumor Suppressor Gene
 ; NUMBER OF SEQUENCES: 84
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94111-3834
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING APPLICATION NUMBER: US/10/302,279
FILING DATE: 22-NOV-2003
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/857,636
FILING DATE: 16-MAY-1997
APPLICATION NUMBER: US 60/017,906
FILING DATE: 17-MAY-1996
APPLICATION NUMBER: AU P00011
FILING DATE: 21-MAY-1996
APPLICATION NUMBER: AU P00363
FILING DATE: 07-JUN-1996
APPLICATION NUMBER: US 60/019,765
FILING DATE: 14-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Hyman, Laurence J.
REGISTRATION NUMBER: 35, 551
REFERENCE/DOCKET NUMBER: 015280-278200US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..23
OTHER INFORMATION: /note= "PTCR16 primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-10-302-279-35

Query Match 55.5%; Score 12.2; DB 15; Length 23;
Best Local Similarity 82.4%; Pred. No. 4.5e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3 TCTTTGGGACAGGAG 19
Db 3 TTTTGAAGACAGGAG 19

RESULT 10
US-10-349-143-11540
Sequence 11540, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET-020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11540
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind

LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-9662 for SEQ 3675, in complemer
US-10-349-143-11540
Query Match 54.5%; Score 12; DB 16; Length 21;
Best Local Similarity 75.0%; Pred. No. 5.6e+04;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 GCTCTTTGGGACAGGAG 20
Db 2 GCTCTGTCAGGAATGAAG 21

RESULT 11

US-09-863-776-109
Sequence 109, Application US/09863776
Publication No. US20030198953A1
GENERAL INFORMATION:
APPLICANT: Spvtek, Kimberly A
APPLICANT: Majumder, Kumud
APPLICANT: Tchernev, Velizar T
APPLICANT: Mishra, Vishnu
APPLICANT: Padigaru, Muralidhara
APPLICANT: Spaderna, Steven K
APPLICANT: Shenoy, Suresh G
APPLICANT: Rastelli, Luca
APPLICANT: Li, Li
APPLICANT: Taupier, Raymond J
APPLICANT: Gangolli, Esha
TITLE OF INVENTION: No. US20030198953A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-020
CURRENT APPLICATION NUMBER: US/09/863,776
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: 09/540,763
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: 60/206,679
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: 60/206,688
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: 60/206,829
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: 60/207,748
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 60/207,798
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 60/208,263
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: 60/208,831
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: 60/209,451
PRIOR FILING DATE: 2000-06-05
PRIOR APPLICATION NUMBER: 60/210,060
PRIOR FILING DATE: 2000-06-07
PRIOR APPLICATION NUMBER: 60/219,507
PRIOR FILING DATE: 2000-07-20
PRIOR APPLICATION NUMBER: 60/221,337
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: 60/221,927
PRIOR FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: 60/263,135
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: 60/263,688
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: 60/263,694
PRIOR FILING DATE: 2001-01-24
NUMBER OF SEQ ID NOS: 155
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 109
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Ag2835 Reverse

US-09-863-776-109

Query Match 54.5%; Score 12; DB 10; Length 22;
Best Local Similarity 100.0%; Pred. No. 5.6e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 10 GGACAGGAAGGT 21
| | | | | | | | | | | | | | | | | | | | | |
Db 2 GGACAGGAAGGT 13

RESULT 12

US-09-765-081-133
; Sequence 133, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Gargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-133

Query Match 53.6%; Score 11.8; DB 9; Length 21;
Best Local Similarity 76.5%; Pred. No. 7e+04;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 3 TCTTTGGGACGGAAG 19
| | | | | | | | | | | | | | | | | | | | | |
Db 5 TCTGTCGACCGGAAG 21

RESULT 13

US-10-451-126A-29/c
; Sequence 29, Application US/10451126A
; Publication No. US20040110706A1
; GENERAL INFORMATION:
; APPLICANT: Wallace, Robyn H
; APPLICANT: Mulley, John C
; APPLICANT: Berkovic, Samuel F
; TITLE OF INVENTION: SODIUM CHANNEL ALPHA1-SUBUNIT AND THEIR POLYPEPTIDES AND THEIR
; TITLE OF INVENTION: TREATMENT OF GENERALISED EPILEPSY WITH FEBRILE SEIZURES PLUS
; FILE REFERENCE: 1386/13
; CURRENT APPLICATION NUMBER: US/10/451,126A
; CURRENT FILING DATE: 2003-10-08
; PRIOR APPLICATION NUMBER: PCT/AU01/01648
; PRIOR FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-451-126A-29

Query Match 53.6%; Score 11.8; DB 17; Length 21;
Best Local Similarity 86.7%; Pred. No. 7e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 8 GGGACAGGAAGGTC 22
| | | | | | | | | | | | | | | | | | | | | |
Db 21 GAGACAGGAAGGTC 7

RESULT 14

US-10-148-351-35
; Sequence 35, Application US/10148351
; Publication No. US20030192074A1
; GENERAL INFORMATION:
; APPLICANT: Plant Bioscience Limited
; APPLICANT: Iowa State University Research Foundation Inc.
; APPLICANT: Schulze-Lefert, Paul M
; APPLICANT: Kurth, Joachim
; APPLICANT: Rasong, Zhou
; APPLICANT: Elliott, Candace
; APPLICANT: Wise, Roger P
; APPLICANT: Halterman, Dennis A
; APPLICANT: Fusheng, Wei
; TITLE OF INVENTION: Resistance Gene
; FILE REFERENCE: SMK/LP588375
; CURRENT APPLICATION NUMBER: US/10/148,351
; CURRENT FILING DATE: 2002-05-28
; PRIOR APPLICATION NUMBER: US 60/177,767
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: US 60/170,761
; PRIOR FILING DATE: 1999-12-15
; PRIOR APPLICATION NUMBER: US 60/188,629
; PRIOR FILING DATE: 2000-03-13
; PRIOR APPLICATION NUMBER: US 60/222,652
; PRIOR FILING DATE: 2000-08-03
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-148-351-35

Query Match 53.6%; Score 11.8; DB 15; Length 22;
Best Local Similarity 86.7%; Pred. No. 7e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7 TGGGACAGGAAGGT 21
| | | | | | | | | | | | | | | | | | | | | |
Db 2 TGGAGAAAGGAAGGT 16

RESULT 15

US-10-265-649-26
; Sequence 26, Application US/10265649
; Publication No. US20040009492A1
; GENERAL INFORMATION:
; APPLICANT: Samsung Electronics Co. Ltd.
; APPLICANT: Kim, Mi-Kyung
; APPLICANT: Lee, Yeon-su
; APPLICANT: Lee, Jung-nam
; TITLE OF INVENTION: MULTIPLEX PCR PRIMER SET FOR HUMAN GLUCOKINASE GENE AMPLIFICATION
; FILE REFERENCE: 5649-1023
; CURRENT APPLICATION NUMBER: US/10/265,649
; CURRENT FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Exon 1a variant reverse primer
US-10-265-649-26

Query Match 53.6%; Score 11.8; DB 16; Length 22;
Best Local Similarity 86.7%; Pred. No. 7e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6 TTGGGGACAGGAAGG 20
| | | | | | | |
Db 3 TTGGGGACAGGAAG 17

Search completed: August 2, 2004, 18:41:55
Job time : 178.667 secs

RESULT 2
US-10-224-624-6/c
; Sequence 6, Application US/10224624
; Publication No. US20030108915A1
; GENERAL INFORMATION:
; APPLICANT: MCKINNON, Randall D.

```
; TITLE OF INVENTION: Glioblastoma Multiforme Associated Protein GLITEN
; FILE REFERENCE: 54704.8059.US00
; CURRENT APPLICATION NUMBER: US/10/224,624
; PRIOR FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: 60/242,160
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 10/051,769
; PRIOR FILING DATE: 2001-10-20
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-10-224-624-6

Query Match          56.4%; Score 12.4; DB 15; Length 22;
Best Local Similarity 92.3%; Pred. No. 1.3e+04;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 ACAACGGCGGTTTC 21
Db      17 ACAACGGCGGCTTC 4

RESULT 3
US-09-993-966-23/c
; Sequence 23, Application US/09993966
; Publication No. US20030186232A1
; GENERAL INFORMATION:
; APPLICANT: ROHAN, MICHAEL
; TITLE OF INVENTION: HUMAN AND NON-HUMAN PRIMATE HOMOLOGUES OF NKD PROTEIN,
; FILE REFERENCE: 014024/0280733
; CURRENT APPLICATION NUMBER: US/09/993,966
; CURRENT FILING DATE: 2001-11-27
; PRIOR APPLICATION NUMBER: 60/252,884
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/291,109
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: 60/325,571
; PRIOR FILING DATE: 2001-10-01
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-993-966-23

Query Match          55.5%; Score 12.2; DB 10; Length 21;
Best Local Similarity 82.4%; Pred. No. 1.7e+04;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1 GACGTTGACACGCGG 17
Db      21 GACGTTGACACACGCG 5

RESULT 4
US-10-321-844-19/c
; Sequence 19, Application US/10321844
; Publication No. US20030219776A1
; GENERAL INFORMATION:
; APPLICANT: Lalouel, Jean-Marc
; APPLICANT: Rohrwasser, Andreas
; APPLICANT: Ishigami, Tomoaki
; APPLICANT: Emi, Mitsuru
; APPLICANT: Nakajima, Toshiaki
; TITLE OF INVENTION: Molecular Variants, Haplotypes, and Linkage Disequilibrium within
```

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; APPLICANT: Inoue, Ituro
; TITLE OF INVENTION: Molecular Variants, Haplotypes, and Linkage Disequilibrium within
; FILE REFERENCE: 2323-159
; CURRENT APPLICATION NUMBER: US/10/321,844
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 60/340,482
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-321-844-19

Query Match          53.6%; Score 11.8; DB 16; Length 21;
Best Local Similarity 86.7%; Pred. No. 2.7e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 ACAACGGCGGTTTCT 22
Db      16 ACAACGGCAGCTTCT 2

RESULT 5
US-10-321-844-21/c
; Sequence 21, Application US/10321844
; Publication No. US20030219776A1
; GENERAL INFORMATION:
; APPLICANT: Lalouel, Jean-Marc
; APPLICANT: Rohrwasser, Andreas
; APPLICANT: Ishigami, Tomoaki
; APPLICANT: Emi, Mitsuru
; APPLICANT: Nakajima, Toshiaki
; APPLICANT: Inoue, Ituro
; TITLE OF INVENTION: Molecular Variants, Haplotypes, and Linkage Disequilibrium within
; FILE REFERENCE: 2323-159
; CURRENT APPLICATION NUMBER: US/10/321,844
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 60/340,482
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 21
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-321-844-21

Query Match          53.6%; Score 11.8; DB 16; Length 21;
Best Local Similarity 86.7%; Pred. No. 2.7e+04;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 ACAACGGCGGTTTCT 22
Db      16 ACAACGGCAGCTTCT 2

RESULT 6
US-09-888-326-139/c
; Sequence 139, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
```

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; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 139
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: phosphodiester backbone
US-09-888-326-139

Query Match          52.7%; Score 11.6; DB 10; Length 23;
Best Local Similarity 77.8%; Pred. No. 3.5e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GACGTTGACACGCGGT 18
   |||||
Db 19 GACATTGACCAAGGTGGT 2

RESULT 7
US-09-776-479-689/c
; Sequence 689, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 689
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-689

Query Match          52.7%; Score 11.6; DB 10; Length 23;
Best Local Similarity 77.8%; Pred. No. 3.5e+04;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GACGTTGACACGCGGT 18
   |||||
Db 19 GACATTGACCAAGGTGGT 2

RESULT 8
US-10-314-578-689/c
; Sequence 689, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27

US-10-314-578-689/c
; Sequence 662, Application US/10112653
; Publication No. US2003050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060 (AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 662
; LENGTH: 23
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Query Match	52.7%	Score 11.6;	DB 17;	Length 23;
Best Local Similarity	44.4%	Pred. No. 3.5e+04;		
Matches 8;	Conservative	8;	Mismatches 2;	Indels 0;
				Gaps 0;

1 APPLICANT: Gokain, et al.
 2 TITLE OF INVENTION: 3-HYDROXYPROPIONIC ACID AND OTHER ORGANIC COMPOUNDS
 3 FILE REFERENCE: 6882-65884
 4 CURRENT APPLICATION NUMBER: US/10/432,443
 5 CURRENT FILING DATE: 2003-05-19
 6 PRIOR APPLICATION NUMBER: PCT/US01/43607
 7 PRIOR FILING DATE: 2001-11-20
 8 PRIOR APPLICATION NUMBER: US 60/317,845
 9 PRIOR FILING DATE: 2001-09-07
 10 PRIOR APPLICATION NUMBER: US 60/306,727
 11 PRIOR FILING DATE: 2001-07-20
 12 PRIOR APPLICATION NUMBER: US 60/285,478
 13 PRIOR FILING DATE: 2001-04-20
 14 PRIOR APPLICATION NUMBER: US 60/252,123
 15 PRIOR FILING DATE: 2000-11-20
 16 NUMBER OF SEQ ID NOS: 188
 17 SOFTWARE: PatentIn version 3.1
 18 SEQ ID NO 64
 19 LENGTH: 23

QY 1 GACGTTGACAACGGCGGT 18
 | : : : : : : : : :
Dp 23 GTYRTYGAYRTYGGYGGY 6

```

RESULT 14
US-10-346-198-143/c
/ Sequence 143, Application US/10346198
/ Publication No. US20040043485A1
/ GENERAL INFORMATION:
/ APPLICANT: WESSLER, SUSAN R.
/ APPLICANT: JIANG, NING
/ APPLICANT: BAO, ZHIKONG
/ APPLICANT: ZHANG, XIAOYU
/ APPLICANT: EDDY, SEAN R.
/ TITLE OF INVENTION: TRANSPOSABLE ELEMENTS IN RICE AND METHODS OF USE
/ FILE REFERENCES: 18465-0018
/ CURRENT APPLICATION NUMBER: US/10/346,198
/ CURRENT FILING DATE: 2003-01-16
/ PRIOR APPLICATION NUMBER: 60/337,409
/ PRIOR FILING DATE: 2002-05-01
/ NUMBER OF SEQ ID NOS: 149
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 143
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence

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;
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-346-198-143

Query Match      50.9%; Score 11.2; DB 13; Length 21;
Best Local Similarity 81.2%; Pred. No. 5.6e+04;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6 TGACACGGCGGTTTC 21
      |||||
Db      20 TCAATGGGGTTTC 5

RESULT 15
US-10-148-570-14/c
; Sequence 14, Application US/10148570
; Publication No. US20030170649A1
; GENERAL INFORMATION:
; APPLICANT: HAAS, Oskar
; APPLICANT: WEINHAUSEL, Andreas
; TITLE OF INVENTION: Method for detecting and evaluating a potentially aberrant methyl
; TITLE OF INVENTION: DNA region on the X-Chromosome
; FILE REFERENCE: 4388-0102P
; CURRENT APPLICATION NUMBER: US/10/148,570
; CURRENT FILING DATE: 2003-01-29
; PRIOR APPLICATION NUMBER: PCT/AT00/00324
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: AT A2041/99
; PRIOR FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: Patentin ver. 3.1
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer used to detect and evaluate in a single reaction the
; OTHER INFORMATION: occurrence and extent of a possible aberrant methylation of
; OTHER INFORMATION: promoter region FRAX E-A
US-10-148-570-14

Query Match      50.9%; Score 11.2; DB 15; Length 21;
Best Local Similarity 81.2%; Pred. No. 5.6e+04;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1 GACGTTGACACGGCG 16
      |||||
Db      21 GACGACGACACGACG 6

Search completed: August 2, 2004, 18:41:56
Job time : 178.667 secs
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